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## **Bridgewater College Catalog, Session 1958-59**

Bridgewater College

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***Bulletin***

OF

**BRIDGEWATER COLLEGE**

BRIDGEWATER, VIRGINIA



***Catalogue Issue, 1959***

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FOR INFORMATION NOT READILY AVAILABLE IN THIS  
CATALOGUE, WRITE TO THE APPROPRIATE  
OFFICERS AS FOLLOWS:

#### THE PRESIDENT

General matters pertaining to the college

#### THE DEAN OF THE COLLEGE

Academic requirements  
Evaluation of credits  
Curricula and courses of study

#### THE ADMISSIONS COUNSELOR

Admission of freshmen and advanced students  
Catalogue and other bulletins of information  
Scholarships or financial aids  
Students rooming assignments

#### THE TREASURER

Business matters, expenses, and loan funds  
Permits to keep automobiles

#### THE REGISTRAR

Transcripts of credits

#### THE ALUMNI SECRETARY

Alumni affairs

#### LOCATION

The college is located in the heart of the Shenandoah Valley in the Town of Bridgewater. It is seven miles southwest of Harrisonburg, the county seat of Rockingham County, and twenty miles north of Staunton; accessible by bus through Harrisonburg and by train through Staunton. Those who wish to come to the campus by car may do so by way of U. S. Highway 42 or 11 and State Road 157.

1959

Bulletin of

# Bridgewater College

BRIDGEWATER, VIRGINIA



CATALOGUE ISSUE 1958-59

WITH ANNOUNCEMENTS FOR 1959-60

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BRIDGEWATER COLLEGE BULLETIN

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Vol. XXXIV

February, 1959

No. 4

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# COLLEGE CALENDAR

SESSION 1959-1960

1959

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1960

JANUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

FEBRUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

September 14—First Meeting of the Faculty

September 14-16—Faculty-Student Planning Conference

September 17-19—Registration and Orientation of Freshmen

September 17-19—Registration of Upperclassmen

September 20, 8:00 P.M.—Faculty Reception to Students

September 21, 8:00 A.M.—Classes begin

September 21, 10:00 A.M.—Convocation

October 3—Homecoming (tentative)

October 26-29—Religious Emphasis Week

November 14—Mid-semester grades

November 25, Noon—Thanksgiving Recess begins

November 30, 8:00 A.M.—Thanksgiving Recess ends

December 15, Noon—Christmas Recess begins

January 4, 8:00 A.M.—Christmas Recess ends

January 29-Feb. 5—First Semester Examinations

February 6—Second Semester Registration

February 8, 8:00 A.M.—Classes begin

February 9-11—Sixty-third Spiritual Life Institute

# COLLEGE CALENDAR

SESSION 1959-1960

## MARCH

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

March 10 and 11—Senior Comprehensives

March 26—Mid-semester grades

## APRIL

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

April 3—Founders Day

April 14, Noon—Spring Recess begins

April 20, 8:00 A.M.—Spring Recess ends

## MAY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

May 1—National Christian College Day

May 27-June 3—Second Semester Examinations

## JUNE

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

June 4—Alumni Day

June 5, 11:00 A.M.—Baccalaureate Service

June 5, 3:00 P.M.—Commencement

June 20—Summer Session begins

## JULY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## AUGUST

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August 13—Summer Session ends

# BOARD OF TRUSTEES

## Term Expires 1963

ORVILLE R. HERSCH (Eastern Virginia)* .....	Manassas
JOHN A. DERR (Eastern Maryland) .....	Frederick, Maryland
DORSEY A. CLAYTON (Second West Virginia) .....	Kasson, West Virginia
CHARLES W. WAMPLER .....	Harrisonburg
S. D. GLICK .....	Dayton
JOHN B. WAMPLER .....	Dayton
WALTER S. FLORY, JR. ....	Boyce
CHARLES D. LANTZ .....	Broadway
ARLENE R. MAY .....	Timberville
R. DOUGLAS NININGER .....	Salem

## Term Expires 1962

GLEN W. PETCHER (Tennessee-Alabama) .....	Citronelle, Alabama
WESLEY W. NAFF (Southern Virginia) .....	Boones Mill
MELVIN SLAUBAUGH (First West Virginia) .....	Kingwood, West Virginia
JOHN C. MYERS .....	Bridgewater
LELAND C. MOOMAW .....	Roanoke
H. GUS MUNTZING .....	Moorefield, West Virginia

## Term Expires 1961

C. ERNEST SPOERLEIN (Western Maryland) .....	Oakland, Maryland
I. C. SENDER (Northern Virginia) .....	Linville
FREDERICK D. DOVE (Middle Maryland) .....	Hagerstown, Maryland
JACK SCRUGGS (North-South Carolina) .....	Campobello, South Carolina
LOWELL N. LAYMAN .....	Cloverdale
AARON M. HORST .....	Hagerstown, Maryland
J. B. DILLON .....	Bassett
ROBERT M. MCKINNEY .....	Wilmington, Delaware

## Term Expires 1960

ORVAL S. GARBER (First Virginia) .....	Roanoke
C. FRED FIFER (Mardela) .....	Wyoming, Delaware
PERNE R. HOOVER .....	Harrisonburg
D. WILMER GARBER .....	Woodbridge
A. D. MILLER .....	Roanoke
W. T. SANGER .....	Richmond

## Term Expires 1959

JOHN T. GLICK (Second Virginia) .....	Bridgewater
MARK BOWER (Florida-Georgia) .....	Orlando, Florida
MALCOLM A. LONG .....	Baltimore, Maryland
JAMES W. MOYERS .....	Broadway

\*State names within parentheses indicate districts of the Church of the Brethren electing trustees to the Board. Other members are trustees-at-large.

## Ex-officio

WARREN D. BOWMAN ..... Bridgewater

## OFFICERS OF THE BOARD

I. C. SINGER ..... President  
JOHN T. GLICK ..... First Vice-president  
D. WILMER GARBER ..... Second Vice-president  
JOHN W. BOITNOTT ..... Secretary  
Bridgewater  
HARRY A. DRIVER ..... Treasurer  
Weyers Cave

## MEETINGS OF THE BOARD

First Saturday of November ..... November 7, 1959  
First Saturday of March ..... March 5, 1960

# ADMINISTRATION

## EXECUTIVE OFFICERS

WARREN D. BOWMAN, M.A., Ph.D. ....	<i>President</i>
JOHN W. BOITNOTT, M.A., Ph.D. ....	<i>Dean of the College</i>
LOWELL A. MILLER, B.A. ....	<i>Business Manager and Treasurer</i>
W. DONALD CLAGUE, B.A., M.Ed. ....	<i>Dean of Students</i>
EDNA W. SHIVELY, M.A. ....	<i>Assistant Dean of Students</i>

*y plenty send to:*

## GENERAL STAFF

CLEMENT A. BESS .....	<i>Night Officer</i>
RUTH J. BROSS, R.N. ....	<i>College Nurse</i>
RUSSELL GERHARD, B.A. ....	<i>Manager of Men's Housing</i>
DORIS M. GOOD .....	<i>Secretary to the Director of the Development Program</i>
AGNES V. KLINE, B.A., B.S. in L.S. ....	<i>Librarian</i>
IRA B. LAM .....	<i>Secretary to the President</i>
AMY M. MICHAEL .....	<i>Secretary to the Treasurer</i>
RHEA W. MILLER .....	<i>Assistant to the Dietitian</i>
PAUL V. PHIBBS .....	<i>Superintendent of Buildings and Grounds</i>
JACOB F. REPLOGLE, B.A., B.D. ....	<i>Director of Development Program and Executive Secretary of Alumni Association</i>
MIRIAM RETKOFKY .....	<i>Secretary to the Admissions Counselor</i>
LEON W. RHODES, B.A. ....	<i>Manager of the College Stores</i>
GEORGE S. ROW, M.D. ....	<i>College Physician</i>
FAITH SANGER .....	<i>Director of Residence</i>
EVELYN SCHALL .....	<i>Director of Residence</i>
HELEN W. SCHICKEL, B.S. ....	<i>Secretary to the Dean—Registrar</i>
A. R. SHOWALTER, B.A., B.D. ....	<i>Assistant Director of Development Program</i>
JANET E. SUTER .....	<i>Secretary in Dean-Registrar's Office</i>
PEARL E. WAMPLER .....	<i>Director of Residence</i>
EDGAR F. WILKERSON, B.A., M.R.E. ....	<i>Admissions Counselor</i>



# FACULTY

1958-59

WARREN D. BOWMAN, *President*

B.A., Bridgewater College; M.A., University of Chicago; Ph.D., *ibid.* Bridgewater College, 1949—

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JOHN S. FLORY, *President Emeritus*

B.A., Bridgewater College; Ph.D., University of Virginia. Bridgewater College, 1894-02; 1905-1941

PAUL H. BOWMAN, *President Emeritus*

B.A., Bridgewater College; M.A., University of Pennsylvania; B.D., *ibid.* Bridgewater College, 1919-46

NEWTON D. COOL, *Assistant Professor of Economics and Commerce, Emeritus*

Bridgewater College, Central Commercial College, University of Virginia Summer School; M.Sc., Bridgewater College. Bridgewater College, 1918-49

GUSTAV H. ENSS, *Professor of German, Emeritus*

M.A., University of Michigan; Th.M., and Th.D., S. W. Baptist Theological Seminary. Bridgewater College, 1947-56

J. MAURICE HENRY, *Professor of History and Political Science, Emeritus*

B.A., Bridgewater College; M.A., George Washington University; Ph.D., *ibid.* Bridgewater College, 1928-1952

MINOR C. MILLER, *Professor of Religious Education, Emeritus*

B.A., Bridgewater College; M.R.E., Boston University; Student, Harvard University; Bridgewater College, 1921-58

MARSHALL R. WOLFE, *Professor of Bible, Emeritus*

B.A., Blue Ridge College; B.D., Bethany Biblical Seminary; Graduate Student, West Virginia University; Bridgewater College, 1937-55

CHARLES C. WRIGHT, *Professor of Economics, Emeritus*

B.A., Bridgewater College; M.A., Columbia University; Ph.D., University of Virginia. Bridgewater College, 1915-54

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RAYMOND N. ANDES, *Professor of Foreign Languages*

B.A., Bridgewater College; M.A., University of North Carolina; Ph.D., *ibid.* Bridgewater College, 1946—

JOHN W. BOITNOTT, *Professor of Education and Dean of the College*

B.A., Bridgewater College; M.A., University of Virginia; Ph.D., *ibid.* Bridgewater College, 1947—

LOWELL V. HEISEY, *Professor of Chemistry*

B.A., Manchester College; M.S., Purdue University; Ph.D., *ibid.* Bridgewater College, 1950—

NELSON T. HUFFMAN, *Professor of Voice and Director of Music*

B.A., Bridgewater College; Graduate, Peabody Conservatory of Music, Voice Certificate; B.M., Cincinnati Conservatory of Music; M.M., Northwestern University; Bridgewater College, 1925

HARRY G. M. JOPSON, *Professor of Biology*

B.S., Haverford College; M.A., Cornell University; Ph.D., *ibid.*; Bridgewater College, 1936

CLARENCE E. MAY, *Professor of English*

B.A., Bridgewater College; M.A., University of Virginia; Graduate student, Columbia University; Summer student, School of Extra-mural Studies, University of Birmingham, Stratford-on-Avon; Bridgewater College, 1946

LEVI S. SHIVELY, *Interim Professor of Mathematics*

B.A., University of Michigan; M.A., University of Chicago; Ph.D., *ibid.* Bridgewater, 1955

CHARLES E. SHULL, *Professor of Mathematics and Physics*

B.S., Bridgewater College; M.A., *ibid.*; M.A., Cornell University; Graduate study, University of Virginia; Johns Hopkins University; University of Illinois; Georgia School of Technology; Ohio Northern University. Bridgewater College, 1914-17; 1919

FRANCES E. SILLIMAN, *Professor of Biology*

B.S., University of Minnesota; M.S., University of Michigan; M.A., University of North Carolina; Ph.D., *ibid.*; Bridgewater College, 1944-1953, 1958

WILLIAM G. WILLOUGHBY, *Professor of Philosophy and Religion*

B.A., Elizabethtown College; B.D., Bethany Biblical Seminary; Ph.D., Boston University; Bridgewater College, 1950

W. DONALD CLAGUE, *Associate Professor of Chemistry and Dean of Students*

B.A., Bridgewater College; Graduate Student, University of Alabama; Columbia University; M.Ed., University of Virginia; Diploma of advanced graduate study, *ibid.* Bridgewater College, 1943

DANIEL S. GEISER, *Associate Professor of Physical Education and Director of Athletics*

B.A., Juniata College; M.A., Ohio State University; Graduate Student, Columbia University, 1956-57; Bridgewater College, 1946

RUDOLPH A. GLICK, *Associate Professor of Mathematics*

B.A., Bridgewater College; M.A., Duke University; Bridgewater College, 1937-42; 1945

VICTOR E. GLICK, *Associate Professor of History and Political Science*

B.A., Bridgewater College; M.A., University of Chicago; Bridgewater College, 1949

S. RUTH HOWE, *Associate Professor of Home Economics*

B.A., Manchester College; M.Sc., The Pennsylvania State College; Graduate study, Columbia University; Syracuse University; Bridgewater College, 1945

M. ELLSWORTH KYGER, *Associate Professor of German and Spanish*

B.A., Bridgewater College; B.S. in Music Education, *ibid.*, M.A., University of Maryland; Ph.D., Catholic University; Bridgewater, 1955—

HUGH AKERMAN, JR., *Assistant Professor of History*

B.A., University of Florida; M.A., *ibid.*, Graduate study, Duke University; Bridgewater College, 1958—

WILLIAM E. BARNETT, *Assistant Professor of Sociology*

B.A., University of Richmond; M.A., University of Virginia; Bridgewater College, 1955—

NELL KERSH BOITNOTT, *Assistant Professor of Education*

B.A., Bridgewater College; M.A., Madison College. Bridgewater College, 1947—

ROGER E. COLE, *Assistant Professor of Music*

B.S., Juniata College; Graduate Student, New York College of Music; M.M.Ed., Vandercook College of Music; Bridgewater College, 1954—

A. OLIVIA COOL, *Assistant Professor of Piano, and Theory*

B.A., Bridgewater College; Teachers Certificate in Music, *ibid.*; Student, Johns Hopkins University; Peabody Conservatory of Music; M.Mus., American Conservatory of Music; Bridgewater College, 1937-40; 1942—

THOMAS A. DAVIS, *Assistant Professor of Bible and Religion*

B.A., LaVerne College; B.D., Bethany Biblical Seminary; Summer session, Garrett Biblical Institute; Bridgewater College, 1958—

ELIZABETH G. GEISER, *Assistant Professor of English and Director of Dramatics*

B.A., Juniata College; M.F.A., Yale University; Bridgewater College, 1946; 1952—

THURMAN T. GROSSNICKLE, *Assistant Professor of Chemistry*

B.S., Juniata College; M.A., Harvard University; Ph.D., Wayne State University. Bridgewater College, 1956—

PAUL H. GUNSTEN, *Assistant Professor of Physical Education*

B.A., University of Kentucky; M.A., *ibid.*; Bridgewater College, 1953—

BERCHIE H. HAYCOCK, *Assistant Professor of Home Economics*

B.S., Mississippi State College for Women; M.Ed., Mississippi State College; Bridgewater College, 1955—

ROBERT L. HUESTON, *Assistant Professor of Business Administration*

B.A., Bethany College; M.B.A., University of Wisconsin; Certified Public Accountant; Bridgewater College, 1953—

GEORGE WEBSTER KENT, *Assistant Professor of Psychology*

B.A., Franklin College; M.A., University of Oregon; Graduate Student, University of Wisconsin. Bridgewater College, 1954—

DAVID G. METZLER, *Assistant Professor of Bible and Religion*

B.A., McPherson College; B.D., Bethany Biblical Seminary; S.T.M., Harvard Divinity School; Bridgewater College, 1958

ROGER E. SAPPINGTON, *Assistant Professor of History*

B.A., Manchester College; M.A., Duke University; B.D., Bethany Biblical Seminary; Graduate Student, Duke University; Bridgewater College, 1958

JAMES C. SMITH, *Assistant Professor of Economics and Business*

B.S., Kansas Wesleyan University; M.B.A., Harvard University. Bridgewater College, 1956

RUTH W. STAUFFER, *Assistant Professor of Organ, Piano, and Theory*

Graduate, Blue Ridge College, Department of Music; Graduate, Peabody Conservatory, Piano Certificate; Student Johns Hopkins University; B.M., Cincinnati Conservatory of Music; Graduate study, American Conservatory of Music; Organ student, Virgil Fox, Chas. M. Courboin, and Nies-Berger. Bridgewater College, 1927

RUTH ELIZABETH TANDY, *Assistant Professor of Physical Education*

B.A., University of Kentucky; M.S., Indiana University; Bridgewater College, 1950-55, 1957

PHYLLIS J. THOMPSON, *Assistant Professor of English*

B.A., King College; M.A., University of North Carolina. Bridgewater College, 1956

FRED F. WAMPLER, *Assistant Professor in Education*

B.A., Bridgewater College; M.A., George Washington University; Bridgewater College, 1957

DAVID O. WINFREY, *Assistant Professor of English*

B.A., West Virginia University; M.S., University of Maryland; B.D., Drew University; M.A., University of Maryland; Graduate study, *ibid.*, Bridgewater College, 1958

† VIRGINIA R. ANDES, *Instructor in Spanish*

B.A., Belhaven College; Graduate student, Universidad Nacional de Mexico; Graduate student, University of North Carolina; Bridgewater College, 1953-55; 1956

† OLIVE SMITH BOWMAN, *Instructor in Mathematics*

B.S., Longwood College; Graduate student, University of Chicago. Bridgewater College, 1951

† OLIVE DELP GRAHAM, *Instructor in Art*

B.S., and Certificate in Art, Sullins College; Student, University of Virginia; Madison College; Bridgewater College, 1936

FRANCES Z. MAY, *Instructor in Commerce*

Student University of Illinois; Student Gregg Business College; Bridgewater College, 1949-51; 1955

PHILIP TROUT, *Instructor in Music*

B.S., Bridgewater College; M.M., Florida State University; Bridgewater College, 1958

DALE V. ULRICH, *Instructor of Physics*

B.A., LaVerne College; M.S., University of Oregon; Bridgewater College, 1958

†Part time.

# COUNCILS AND COMMITTEES

1958-59

- Council on Administration:** Warren D. Bowman, *chairman*; John W. Boitnott, W. D. Clague, Rudolph Glick, Lowell A. Miller, William G. Willoughby, Iva B. Lam, secretary
- Council on Education:** John W. Boitnott, *chairman*; Raymond N. Andes, Victor Glick, Harry G. M. Jopson, C. E. May, William G. Willoughby, Warren D. Bowman, ex-officio; Helen W. Shickel, secretary
- Council on Student Personnel Problems:** W. D. Clague, *chairman*; John W. Boitnott, Warren D. Bowman, Edgar F. Wilkerson, Russell Gerhard, Edna W. Shively, secretary
- Council on Athletics:** Harry G. M. Jopson, *chairman*; William Barnett, John W. Boitnott, Warren D. Bowman, W. Donald Clague, Daniel S. Geiser, Paul H. Gunsten, Lowell A. Miller, Ruth E. Tandy. Students: Joyce Fitzwater, John Plumb, Leann Suter, Gene Underwood
- Committee on Business and Finance:** Lowell A. Miller, *chairman*; Warren D. Bowman, John W. Boitnott
- Committee on Development Program:** Warren D. Bowman, *chairman*; John W. Boitnott, C. E. May, Lowell A. Miller, A. R. Showalter, Jacob Replogle, secretary
- Committee on College Events:** Roger E. Cole, *chairman*; Thurman Grossnickle, George W. Kent, M. Ellsworth Kyger, Warren D. Bowman, ex-officio, Lowell A. Miller, ex-officio
- Committee on Library:** Lowell V. Heisey, *chairman*; John W. Boitnott, George W. Kent, Agnes V. Kline, librarian, C. E. May, Warren D. Bowman, ex-officio
- Committee on Forensics:** James C. Smith, *chairman*; Elizabeth Geiser, Victor Glick, Frances Silliman. Students, Joe Kinzie, Carole Funk
- Committee on Admissions:** John W. Boitnott, *chairman*; Raymond Andes, Warren D. Bowman, Donald Clague, Edgar Wilkerson, Executive Secretary, Helen Shickel, Recording Secretary
- Committee on Scholarships:** John W. Boitnott, *chairman*; Raymond Andes, Warren D. Bowman, W. Donald Clague, Edgar F. Wilkerson, Executive Secretary, Helen Shickel, Recording Secretary
- Committee on Spiritual Life:** William G. Willoughby, *chairman*; Thomas A. Davis, Bernard N. King, David Metzler, Roger E. Sappington, Edna W. Shively, Dale Ulrich, Edgar F. Wilkerson. Students: Lavonne Ikenberry, James Sperry, Jack Stapleton, Jewel Miller
- Committee on Social Life:** Edna W. Shively, *chairman*; W. D. Clague, Roger E. Cole, Betty Geiser, S. Ruth Howe, Faith Sanger, Philip Trout, Russell Gerhard, W. D. Bowman, ex-officio. Students: Eleanor Huffman, Gloria Meyers, Edwin Stone, Lanier Halterman, Ben Murphy, Loyce Guy, Donna Kay Adams, Travis Brown
- Committee on Health:** Ruth E. Tandy, *chairman*; W. D. Clague, Daniel Geiser, Ruth J. Bross, George S. Row, physician, Faith Sanger, Frances E. Silliman, Russell Gerhard, John W. Boitnott, ex-officio

# GENERAL INFORMATION

## HISTORY

Bridgewater College was founded and organized by the Rev. Daniel C. Flory in 1880. Its first two sessions were conducted at Spring Creek, Virginia, where the institution was known as the Spring Creek Normal and Collegiate Institute. In 1882 the first Board of Trustees was appointed, and the location was changed from Spring Creek to Bridgewater. The institution was then chartered as the Virginia Normal College, and a two-year course of study in advance of the original curriculum was added for the training of teachers. In the fall of 1883, at the beginning of the fourth session of its history, the college began its first operations on the present campus.

In April, 1889, a new charter was granted, marking the official entrance of Bridgewater College, the name which it then assumed, into the field of higher education. In June, 1891, the first college degrees conferred by an institution of the Church of the Brethren were granted to three young men by Bridgewater. For a number of years instruction was done on several educational levels. At present, however, the attention and emphasis of the trustees and the faculty are confined to the study of the liberal arts and sciences, and the college offers work of college quality only. Through the years Bridgewater has grown in physical resources, endowment, personnel, constituency, and professional strength, until today it is a substantial and attractive institution of higher learning.

In 1923 Daleville College, of Daleville, Virginia, was consolidated with Bridgewater. The two institutions began operating in the session of 1924-25 on a co-operative basis, the college work being conducted at Bridgewater and the academy work at Daleville. In the spring of 1932 Daleville was discontinued. In 1929 a co-operative agreement was made with Blue Ridge College, of New Windsor, Maryland. The trustee boards were interlocked, and Blue Ridge continued as a co-operating junior college until June, 1937, when it passed into other management.

## CHURCH AFFILIATION

Bridgewater College is affiliated with the Church of the Brethren, it being one of the six colleges of this denomination. It extends a cordial welcome to qualified young people of all religious faiths without favor or discrimination. The charter allows representation from other churches on the trustee board and on the faculty.

## ACADEMIC STANDING

Bridgewater is a standard four year college. It is a member of and is fully accredited by the Southern Association of Secondary Schools and Colleges. It is also accredited by the Virginia State Board of Education. The

college is also a member of the Association of American Colleges, the Association of Virginia Colleges, and the American Council on Education.

### COLLEGE OBJECTIVES

Bridgewater is distinctly a college of liberal arts and science. Courses are restricted to the undergraduate field and lead to the Bachelor of Arts and Bachelor of Science degrees. The trustees and faculty have defined clearly the aims and objectives of the college. The following is a condensed statement of these objectives:

*First:* Intellectual. The college aims to introduce its students to the most important fields of knowledge and give them opportunity to acquire a reasonable mastery of some field of major interest; to help them acquire an understanding of human life and progress and especially of contemporary civilization; to create in them a permanent interest in intellectual things and develop scholarly habits and the power of independent creative thinking.

*Second:* Spiritual. The college aims to develop and conserve in its students the Christian ideal of life, making it effective on the campus as well as in after life; to make higher education an ally of the Christian Church; to help leaven society with the light of Christ, and to give to the world men and women who are constructive forces in moral and spiritual progress.

*Third:* Personal efficiency. The college aims to stimulate and guide its students into "fullness of life" as expressed in the development of their powers of body, mind, and soul. Each individual student is given opportunity for personal growth, and the expression and cultivation of his powers in the interest of genuine happiness and personal efficiency.

*Fourth:* Social efficiency. The college aims to impart to its students the desire to serve others and to train them in qualities of social usefulness. Civic duty, social obligation, domestic responsibility and the socially valuable virtues are matters of major emphasis.

*Fifth:* The college accepts responsibility for a limited amount of professional training, education for leisure, preparation for home and family life, and for the vocational guidance of youth.

The college purposes to develop in each student the power to discover truth for himself, the ability to evaluate ethical standards, and the capacity of mind and heart to enter freely into the intellectual and spiritual experiences of the race.

### RELIGIOUS LIFE

The college is profoundly concerned about the spiritual atmosphere of the campus and the religious culture of students. Purposes and plans are



dominated by the conviction that education and religion are the two most powerful forces for good in human society. Every encouragement is given to faithfulness to religious vows and to attendance at the churches with which students are affiliated.

A chapel service is conducted on Mondays, Wednesdays, and the first and third Fridays of each month with faculty, students, and visitors participating. Regular attendance is required and an attendance record is kept, however, a student is permitted to be absent as many as eight times per semester.

The Church of the Brethren, near the campus, and the Baptist, Methodist and Presbyterian Churches in the town of Bridgewater afford opportunities for the nurture of the religious life of the students. The city of Harrisonburg affords opportunity for church attendance at other Protestant churches. There are also a Catholic Church and a Jewish Temple in that city. Students are expected to observe Sunday by attendance at the church of their choice. All academic work and athletics are suspended for the day.

### HEALTH SERVICE

Every effort is made by the college staff to promote health and physical welfare through proper sanitation and cleanliness, safeguarding food supplies, hygiene and physical education. A special committee on health composed of members of the staff cooperate with the college nurse and physician to provide the best conditions possible for the physical welfare of students. A physical examination is required of all new students prior to registration. Vaccinations and inoculations against contagious diseases are recommended.

The infirmary is under the general supervision of the college nurse, whose services are available to all students. Boarding students receive the services of the college physician in cases of common illness either on campus or at the doctor's office. Where special treatments or prescriptions are necessary, the student will be expected to pay for such cost. Day students may receive treatment from the college nurse and physician while on campus.

Accident insurance is required of all students. This insurance covers all medical expense incurred as a result of accidental bodily injury up to \$1,000.00 for each and every separate injury. This insurance is written for a twelve month period and will pay as stipulated regardless of any other insurance the student may carry and regardless of where the student may be when injured. All injuries must be reported to the treasurer's office before any claim can be satisfied.

### GOVERNMENT

The active government of the institution is vested in the faculty, and special responsibilities are laid upon the President, the Dean of the College,



the Dean of Students, and the Treasurer in this connection. Plain and simple regulations are printed and available to all students.

In every society or state, certain regulations are essential for the good of all its people. A college campus is a community in itself and must be regulated for the best welfare of its citizens. The college therefore stands firmly against and *prohibits*

The use, possession, or handling of alcoholic beverages

Profanity and gambling

Hazing in any form

The use, possession, or handling of fireworks.

The use of tobacco is discouraged and restricted.

Students are requested not to bring firearms to the campus. If special permission is granted, all such equipment must be placed in the hands of the Director of Residence for storage.

Pets such as cats and dogs are not allowed in dormitories nor apartments.

The possession of automobiles by resident students is discouraged. Permission to keep an automobile must be secured through the office of the treasurer of the college. No resident freshman under twenty-one years of age is permitted to keep a car at college.

It is deemed unwise for students to marry during the session, and their remaining in college is dependent upon the consent of the president prior to their marriage.

In all affairs of government the college is regarded as one large family. An offense of one is an offense against all. *Whenever a student's stay at Bridgewater becomes unprofitable to himself or to others, he will be asked to withdraw.*

Bridgewater gives special attention to freshmen problems and provides careful protection to freshmen in the interest of academic and social life.

Automobile travel and athletic activities involve an element of hazard which students and parents should recognize. The college is always cooperative and helpful in case of accident or injury but is not liable for injuries of this sort or for expenses of any kind resulting from such injuries. Accident insurance is compulsory at a small cost.

Frequent home-going by students is discouraged. Parents are called upon to make every reasonable sacrifice to keep students in college without interruption. Visiting at home and away from the college breaks the continuity of work and is costly to the student.

## DORMITORIES

Rooms are furnished with single beds, mattresses, dresser, chairs, tables, bookshelves, window shades and electric bulb. Students should provide

linen, bedding, pillows, curtains, table lamps, rugs, and other articles which add to the comfort and attractiveness of the room.

Students are held responsible for the proper care of their rooms and furniture. Damages to such will be charged to the occupants of the room. Damage to other college property by students will likewise be chargeable to them.

Electrical equipment and installations must be approved by the Superintendent of Buildings and Grounds. The use of hot plates, however, is discouraged by insurance regulations.

Room inspections are made occasionally.

Students are required to vacate their rooms during the Christmas and Easter recesses unless special arrangements are made with the Superintendent of Buildings and Grounds in advance.

A student who wishes to retain his room for the following session must file his application between April 1 and April 15. After April 15, all rooms not reserved are open for general assignment by the Dean of Students. The Dean of Students reserves the right to shift assignments if it seems advisable for the mutual interest of the student and the college.

Students living away from home are required to live at the college. Permission may be granted to upperclassmen to live in town for valid reasons upon the written application to the Dean of Students prior to registration.

### SPECIAL EMPHASIS

**Spiritual Life Institute.** The college has for a period of more than a half century conducted an annual institute in recognition of spiritual values and the place of religion in life and education. It is designed for ministers and religious leaders. The institute is usually held the second week in February, and it brings to the campus distinguished leaders and speakers.

**Religious Emphasis Week.** Religious Emphasis Week is observed early in the fall. A prominent Christian leader is brought to the campus for addresses, forums, and conferences with students and faculty. The aim is to bring students and faculty into a more vital Christian experience, and to lead them to a Christian dedication of personal life, talents, and vocation.

**Home and Family Life.** Students who desire to pursue courses in home economics for their practical value, but not major in this field, are encouraged to take certain electives which are specially designed to prepare them for marriage and family life. Such courses are: Clothing Construction, Foods and Cookery, Home Management, and Child Growth and Development. In addition, all students are encouraged to pursue the course in Marriage and Family Life offered in the Department of Sociology.

### ALUMNI ASSOCIATION

The Alumni Association, organized prior to 1900, has as its purpose first, to foster a fraternal spirit among alumni, second, to encourage and promote local chapters, and third to seek methods and means of creating and maintaining a bond of loyalty between alumni and the college and to promote the work and ideals for which the college stands. The Board of Directors consisting of twenty-one members constitutes the main working body of the Association. The Board holds at least two meetings each year. Local chapters are entitled to representation on the Board. At present there are sixteen local chapters.

All graduates or former students who have been in attendance for one semester and have earned transferable credits at Bridgewater, Daleville, or Blue-Ridge Colleges are members of the Association. Faculty members and trustees are considered honorary members. The Association has no dues, but an annual appeal is made for contributions to the Alumni Fund and such yearly contributions activate one's membership. The official publication of the Association is *The Alumni Newsette* which is published three times a year as a part of the series of Bulletins of Bridgewater College and is sent to all members of the Association.

### SUMMER SCHOOL

The summer school is an integral part of the total college program. Standard courses, most of which are taught in the regular session, are offered in the summer term. The faculty for the most part is selected from the regular staff. Students may earn as many semester hours of credit as there are weeks in the summer session. The school is of eight weeks duration. Further information may be secured by writing to the Director of the Summer School.

### PLACEMENT

The college provides a placement service for all seniors. Adequate records, including personal data, academic data, and confidential character ratings are available to prospective employers. The college does not guarantee positions, but it makes every effort to assist seniors in securing satisfactory placements.

### BUILDINGS AND EQUIPMENT

The college campus proper comprises about thirty acres and is surrounded by the college farm of about one hundred acres. The campus is beautifully shaded by maples, elms, oaks, tulip, poplars, pines, sycamores, and other native trees and shrubs. The college grounds are bounded on one side by North River, a beautiful tributary of the Shenandoah.

**Memorial Hall** was erected in 1890 and for thirty-nine years was known as Stanley Hall. In 1927 it was remodeled and rededicated as Memorial Hall. This building is a repository of college history and tradition and contains tablets and portraits in memory of important persons connected with the history of the college. In 1953 the first floor was remodeled, providing the Music Department with a band room, a listening room, class rooms and practice rooms. The second floor provides studios, a music stock room, a lounge, and a recital hall which is equipped with pianos and a concert model of the Hammond organ. The basement was converted into a modern snack shop and bookstore in 1953.

**Founders Hall** was erected in 1904, and was named in honor of the men and women who had made great sacrifice in the interest of the college in its early history. This building was remodeled in 1953 to accommodate the administrative offices, the alumni and public relations offices, six classrooms, and the college postoffice.

**Yount Hall**, a residence hall for men, erected in 1905, was named to commemorate the long and valued services of President Walter B. Yount, and his gifted mother, Mrs. Margaret C. Yount.

**The Gymnasium** was erected in 1908. A gallery was added in 1920. Built for a gymnasium, it has served for class work in physical education and for indoor athletics.

**The Health and Physical Education Building** was completed and put into use in February, 1958. Three playing courts, two classrooms, and a suite of offices are provided on the first floor. Locker rooms and showers for men and women, handball courts, laundry, storage, and equipment rooms are provided on the ground floor.

**Wardo Hall**, a residence hall for men, was built in 1910. The three stories above the basement provide rooms for about seventy men. The rooms are of ample size and well-lighted and ventilated.

**The College Street Church of the Brethren** is provided by the Bridgewater congregation. The first structure on the present location was erected in 1914. A new sanctuary and additional facilities for Christian education were added in 1953. The faculty and students receive a cordial welcome to study and to worship here.

**The Administrative Annex**, purchased in 1918, formerly known as the president's residence, has been converted into an office building. It houses the business office, the regional office, and student activity offices which includes the B. C. Bee, Ripples, and Student Government. It also provides a faculty apartment.

**The Heating Plant** was constructed in 1921. It supplies heat for the entire institution, including the apartment house and a number of residences.

**Rebecca Hall** was erected in 1928-29. It is the permanent home of the boarding department and provides living quarters on the second floor for thirty-eight young women. A gift of ten thousand dollars was made to this building by Benjamin Cline, of North River, Va., and the building is named in honor of his wife, Rebecca Driver Cline.

**Cole Hall** was erected in the summer and fall of 1929. It is the auditorium section of a future administration building. The auditorium has a seating capacity of about seven hundred people and is equipped with modern stage, dressing rooms, complete stage lighting system, motion pictures and sound equipment, two artist grand pianos and a three-manual Moller organ with twenty-two sets of pipes. The building is also provided with a modern apartment. This building perpetuates the memory of Dr. Charles Knox Cole and is a gift of his daughter, Mrs. Virginia Garber Cole Strickler.

**The College Library** is located in Cole Hall. On January 1, 1958, it contained 27,941 volumes, exclusive of government documents, an art file, and a large collection of pamphlets covering many fields. The reference section is supplied with encyclopedias, dictionaries, atlases, handbooks, and a substantial collection of bound magazines. The leading newspapers and periodicals are received.

**The Home Management House**, formerly known as the Roller property, which the college purchased in 1932, provides the quarters for an important portion of the practical work of the home economics department. It is well furnished for this purpose.

**North Hall** was constructed in 1946 as an emergency dormitory for men. It is a comfortable one-story building with lounge facilities, and provides rooms for 60 men. It also contains a three-room apartment for the Director of Residence. In 1947 an annex to North Hall was constructed which houses 37 men. This annex also contains an apartment for the Director of Residence.

**East Hall**, a building placed on the campus by the Bureau of Community Facilities in 1947, provides infirmary space for students with minor illnesses, an office for the nurse and physician, and an apartment for the resident nurse. The east wing of this building contains classrooms for courses in secretarial studies, and an art studio.

**Blue Ridge Hall** was erected in 1949 and was named in recognition of Blue Ridge College, of New Windsor, Maryland, which was discontinued in 1944. This building provides living accommodations for one hundred

Excellent facilities for the social life of the college are also available in this hall. It also offers a suite of rooms for the use of visiting alumni.

Science Hall was erected in 1953 on the northeast side of the campus. It provides adequately for both the Natural and Social Science Divisions along with ample office space for the teaching staff.

The Athletic Field, purchased in 1923, lies along the banks of North River and is one of the most spacious college fields in Virginia. It is equipped with a track, a baseball diamond, and a large general playing field. The college classes of 1923, 1924, 1925, and 1926 and many other friends and alumni made contributions toward the purchase and development of this field.

## RESIDENTIAL AND MISCELLANEOUS BUILDINGS AND EQUIPMENT

The George B. Flory Residence was purchased from Elder George B. Flory and wife during the fall of 1919. It is a large, modern residence and is named in honor of a brother of the founder and his wife whose liberality and sympathy were unfailing assets in many of the crises through which the college has passed.

The College Apartments were built in 1920. This building provides homes for members of the faculty and it contains four complete apartments.

The Mary F. Early Missionary Home is located on College Street, just off the campus. It was deeded to the college by the donor as a home for missionaries on furlough. It came into the full possession of the college at the death of Mrs. Early in January, 1934, and will perpetuate the memory of a loyal friend of education and serve an important need of the church.

The Robert J. Wright Cottage is used as a residence for a faculty family. It came into the possession of the college by purchase in 1940.

Broad Street Apartment came into the possession of the college through gift and purchase from Dr. J. M. Henry in 1947. It serves as residence for two faculty families.

The President's Home, located on East College Street, was constructed in 1949. It provides ample facilities for both the home life and the social life of the president and his family.

Virginia Cole Strickler Apartments were constructed from funds received from the estate of the late Virginia Garber Cole Strickler, a great

friend and benefactor of the college. This apartment building was completed in 1956, and is located on East College Street. It contains modern four-room apartments which provide excellent homes for faculty families.

**The College Farm**, adjoining the campus, comprises about 100 acres. It is equipped with ample facilities for a small dairy herd and for general farming. A modern two-family residence is also located on the farm.

**Faculty Housing Development.** In 1958 the college built seven dwelling houses on the farm east of the campus, mostly to rent to faculty families. This development is known as College View Drive.

## STUDENT ORGANIZATIONS AND ACTIVITIES

Student activities offer opportunity for the cultivation of individual traits of personality which courses of study often fail to reach. A number of such activities and organizations are provided under the joint direction of student and faculty committees and councils.

It is recommended that all students find some activity suited to their interest, but that they limit themselves to the number that will allow good scholastic work. Regulations governing student participation in activities may be found in the student handbook, *THE EAGLE*.

New activities must be approved by the Student Senate and the faculty.

All activity practice schedules must be approved by the Dean of Students, and no activity should proceed with such schedules without first securing this approval. All plays, operettas, and similar productions are approved by the Council on Administration before preparation for public performances may begin. Personnel for these activities shall be approved by the faculty.

**The Student Senate.** This organization represents the major activities of campus life. It is a representative assembly and is presided over by the president of the student body, who is elected by popular vote. It is responsible for general supervision of student activities, for the administration of the honor code, for the expression of student opinion on problems of college life, and for the interpretation of college standards and ideals.

**Religion.** Two religious organizations are maintained on the campus, and students are encouraged to participate in their activities. They are the Student Christian Association, and the Clericus.

**Debate and Oratory.** Bridgewater has established a record of distinction in various forms of public speech. Debate and oratory are sponsored on both an intramural and intercollegiate basis. Men and women participate on equal terms.

The following organizations function in this program: The Council on Forensics and the Bridgewater chapter of Tau Kappa Alpha, a national honor society.

**Dramatics.** The college gives strong emphasis to dramatics both in the classroom and in the production of plays. A number of plays are presented each year. Cole Hall provides standard facilities for this program.

The following organizations function in this field: The Curtain Club and the Bridgewater chapter of the Alpha Psi Omega, national honorary fraternity.

**Music.** Bridgewater has been an important music center for more than a half century. The theoretical and practical courses in music are paralleled by rich expressional activities, including frequent recitals by students and teachers.

The following organizations are active in the field: The glee club, the chapel choir, the men's and women's quartets, the orchestra, the band, the music fraternity, Societas Orpheus, the local chapter of the American Guild of Organists, and student chapter number 168 of the Music Educators National Conference.

Any student or group of students representing the college in any musical way must first receive the approval of the music faculty.

**Athletics.** Bridgewater College fosters sports, both indoors and out of doors, encouraging as many as possible to participate in them. They are maintained not for the few, but for all. Every safeguard is exercised to insure healthful, manly contests. Football, baseball, basketball, track and tennis are maintained as intercollegiate sports for men; field hockey, basketball and tennis for women. The college is a member of the Mason-Dixon Inter-collegiate Conference.

The athletics of the college are under the supervision of the Athletic Council. The Board of Trustees and the faculty reserve the right to veto the decisions of the Athletic Council. College regulations governing athletics are printed in the student handbook, *The Eagle*.

In addition to the Athletic Council, other organizations functioning in the fields of health and physical education are the Varsity Club, the Women's Athletic Association, and a hiking club known as the Hillandale Club.

**Publications.** The college publishes six bulletins each year as follows: The Catalogue, the President's Report, the Summer School Bulletin, and three issues of the *Newsette*, dated April, August and December. Other publications include *The Eagle*, a student handbook, the *Ripples*, a year book, and about fifteen issues of the *B. C. Bee*, a student newspaper.



**Departmental Clubs.** Several departments of instruction foster clubs for the benefit of students of the departments concerned.

The following clubs are maintained: The Home Economics Club, the French Club, Societas Orphea, the Psi Chapter of the Chi-Beta Phi, and the Business Club.

**Lyceum and Motion Pictures.** A cultural course of entertainment has been fostered at the college for many years as a service to the college and the Bridgewater community. Artists and lecturers of distinction are brought to the campus through this program. Carefully selected motion pictures are also presented.

**Social Life.** The college seeks to offer to the men and women of the college rich and wholesome social experience. Social regulations have been developed as experience has pointed the way. They seek to safeguard the dignity and social standards of the college and to maintain Christian ideals in social relationships.

# ADMISSION

Admission to Bridgewater College will be granted to those who present evidence of ability to succeed in the type of program provided. While success in a college of liberal arts may depend upon several qualities and types of achievement, applicants for admission to Bridgewater College will be expected to show the following types of ability and achievement.

1. *Graduation from an accredited senior high school or secondary school.* The program of courses completed in the high school should include the following units of credits: four in English, two in one foreign language, two in mathematics, preferably algebra, two in social studies and history, two in science and four in suitable electives.\* While the electives may be in vocational or non-academic subjects, it is recommended that they be in academic subjects such as English, science, mathematics and social studies. In case the applicant wishes to become an engineer or scientist, two of the four electives should be in mathematics.

2. *Average or better than average scholarship on the secondary school program completed.* The grades or marks made on the high schools or secondary school program and scores made on achievement tests covering the secondary school subjects should be high enough to give reasonable assurance of ability to do college work. Rank in the upper half of the graduating class will normally be required. In case an applicant ranks lower than the upper half, strong compensative qualities will need to be shown in order to gain admission.

3. *Good health and character.* Success in a liberal arts and Christian college will depend not only upon the type and quality of secondary school program completed but also upon health and good character, involving such things as clean living, high aspirations, and industriousness. Applicants are expected to present evidences of these qualities.

**Admission by Examination.** Candidates for admission may be accepted on the basis of examination given or approved by Bridgewater College. An examination will be given to those applicants who do not otherwise meet the requirements for admission. Applications for examinations should be made to the Office of Admissions.

The place of the **Tests of the College Entrance Examination Board.** The Scholastic Aptitude Test, the English Composition Test, and either the Intermediate or Advanced Mathematics Test of the College Entrance Examination Board are strongly recommended for those who seek admission for the session 1960-61. They will be required of those who seek financial assistance.

A bulletin of information including an application blank, dates of administration, a statement pertaining to fees and other important information will be provided by the principal or guidance officer of the applicant's high school. The fee for the three tests is \$16.00.

\* Students entering BC in 1962 with a deficiency must remain in 1st semester; prior to 1962.

The dates for making an application and for the administration of the tests for the 1959-1960 session are as follows:

Last Date For Filing Application	Dates of Testing
Application November 7, 1959	Saturday, December 5, 1959
Application December 12, 1959	*Saturday, January 9, 1960
Application January 8, 1960	*Saturday, February 6, 1960
Application February 13, 1960	Saturday, March 12, 1960
Application April 23, 1960	Saturday, May 21, 1960
Application July 13, 1960	Wednesday, August 10, 1960

Further information concerning these tests will be provided upon request. Principals and high school guidance officers are also in position to provide more complete information.

**Admission To Advanced Standing.** A student who has matriculated at another accredited institution may transfer to Bridgewater not later than the beginning of the senior year by presenting a complete statement, certified by the institution from which the transfer is sought, of all work taken in that institution, *together with the high school records covering the regular entrance requirements of Bridgewater College.* Such students are also expected to present letters of honorable dismissal from their former institution or other satisfactory evidence of good character. No student will be admitted to advanced standing who has not complied with these conditions. Normally, transfer credit will not be allowed on courses bearing a grade of less than C. However, by special permission, depending on the circumstances, limited credit may be allowed on courses bearing a grade of D. Students who transfer from other colleges are required to make an average of C on all work taken here in order to qualify for graduation. Any honors received are based on the work done at Bridgewater.

**Time to Apply for Admission.** The application for admission normally should be made between December 1 and August 1. Applications filed between August 1 and September 1 will be considered provided accommodations are still available, but consideration cannot be assured after September 1.

Those who wish to enter at the beginning of the second semester must file an application for admission by January 15. First year students normally should not seek admission at this time. If there is space for new students for the second semester, preference will be given to those who are older or have already completed a semester or more in college.

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\* Only the Scholastic Aptitude Test will be given on these dates.

**Procedure.** In order to obtain full and complete information concerning the achievements of applicants and their abilities to do college work, Bridgewater College will make use of the following methods:

1. *The application blank.* The application blank has been designed to provide information needed by the Admissions Committee. This blank may be obtained from the Office of Admissions. After it has been completely filled out, it should be returned to this office. This is the first step, and a very important one, to be taken by all who wish admission to Bridgewater College.

2. *The high school or secondary school transcript.* Upon receipt of the application blank properly filled out, the college will ask the applicant's secondary school principal to furnish an official transcript of his academic record.

3. *Written recommendations.* Upon receipt of the application blank properly filled out, the college will ask the applicant's high school principal, one of his high school teachers, his minister and some person who knows both him and the college to provide a character rating or a letter of character recommendation.

4. *Personal interview.* Soon after the application blank has been sent in, the applicant, if he has not talked with an official representative of the college, should arrange to come to the campus for a personal interview. This interview will be made by members of the Admissions Committee or by members of the staff designated for this purpose. Appointment for an interview may be made by telephoning or writing to the Admissions Counselor.

5. *Health record.* Within a period of ninety days before the official registration date, each applicant must have his or her family physician present a written health report on a form provided by the College. The health record may be submitted after admission has been granted, but it must be submitted before the official registration.

Each application will be recognized by letter soon after receipt and notice of acceptance or rejection will be given just as soon as satisfactory information is in. Inquiries from applicants are welcomed. Questions will be answered and information will be provided promptly upon request.

# ACADEMIC REGULATIONS

**Registration.** It is important that students register promptly in the period devoted to registration at the beginning of each semester. There is a charge for failure to register at the proper time. In cases of unavoidable delay notice should be given immediately. Otherwise the college accepts no responsibility for holding room reservations or providing living accommodations.

During the first week of classes of each semester and by permission from the Dean of the College, one may make adjustments in his or her program of studies. While a new course may not be entered, one may be cancelled after the first week, provided permission is obtained. In this event, a grade of WP, WF, or F will be shown on the permanent record.

**Class Attendance.** Every absence from class is a distinct loss which is practically irreparable. If a student misses more than ten class meetings or twenty per cent, whichever is the smaller, of the meetings of any class for a semester, he cannot receive credit in this course unless special arrangements are made with the dean and his instructor. Limited optional class attendance is available to upper class students who have achieved high academic ratings. Rules and regulations governing class attendance are printed in full in *The Eagle*, the student handbook.

**Classification of Students.** Students are classified on the basis of both quantity and quality of work. In order to be rated as a sophomore a student needs to pass 26 semester hours of work with an average of C. A student must have completed 58 semester hours of work with an average of C to be rated as a junior and 94 semester hours with an average of C to be rated as a senior.

A student who is permitted to carry less than twelve hours and is not a candidate for a degree or certificate will be classified as a special student.

**The Semester Hour.** The basis of credit is the semester hour. This is the unit assigned a class which meets one period weekly for lecture, recitation, quiz, or two hours weekly for laboratory during one half of the college year. Lecture or recitation periods are one hour in length. Two hours of preparation are expected for each hour of lecture or recitation. Each hour of credit presupposes three hours' work on the part of the student, two hours spent in preparation and one in class, or two to three hours in class in case the work is laboratory.

**Quality Points.** A candidate for a degree must have earned as many quality points as semester hours required for the degree. In a general way this means that the student must make an average grade of C to graduate. One should keep his quality points equal to or greater than the number of semester hours earned at all times as he progresses toward his educational objective.

Quality points are determined as follows: For each semester hour of credit with a grade of A three quality points are allowed, with a grade of B two quality points are allowed, and with a grade of C one quality point is allowed. Quality points are not allowed for a grade of D or for any grade other than A, B, and C.

**The Grading System.** A grade will be assigned at mid-semester and at the end of the semester on each subject for which one is officially registered. Only the grades assigned at the end of each semester are recorded on the permanent record. One of the following grades will be issued on each course: A, B, C, D, E, F, I, WP or WF. Each grade is interpreted as indicated below:

A—superior or maximum achievement.

B—above average achievement.

C—average achievement.

D—fair or below average achievement. The lowest mark acceptable for credit.

E—conditional achievement. This grade will be issued as an indication of satisfactory day by day achievement but unsatisfactory achievement on the final examination of the course. It may be removed by satisfactory performance on a second examination administered not later than six weeks after the beginning of the next regular semester following the one in which the grade was received. If this grade is not removed or replaced in this manner, it will automatically become an F. One may be re-examined only once in a given course and in no more than two subjects in any one semester.

I—incomplete achievement. This grade may be given when the student has been unable to complete the course because of illness or some emergency situation which he has not been able to control. The time and conditions for the removal of an I must be approved by the Dean when it is assigned.

WP—withdrawn passing. This grade indicates that the student's achievement in the course was satisfactory at the date of withdrawal. In order to receive it, the withdrawal must have the approval of the teacher of the course and the Dean of the College, before the end of the tenth week of a semester or the fifth week of the summer school.

WF—withdrawn failing. This grade indicates that the student's achievement in the course was unsatisfactory at the date of the withdrawal. In order to receive it, the withdrawal must have the approval of the teacher and the Dean of the College, before the end of the tenth week of a semester or the fifth week of the summer school.

F—unsatisfactory achievement. A grade of F carries no credit. It will be given whenever one of the grades described above does not fit the case. Once this grade is assigned it will remain on the permanent record, however the course may be repeated.

**Grade Reports.** Grade Reports are sent twice each semester to parents and students. Parents are furnished special reports at other times upon request.

*will be changed in 1960*

**Minimum Scholarship Standard.** A student is expected to achieve an average grade of C or better on the courses for which he is permitted to enroll. However, a student may be allowed to continue his studies for a time at the discretion of the Council on Education, even though he has not achieved an average of C on his work of the preceding semester.

At the end of each semester, a careful evaluation of the achievement of each student will be made and a student who falls under the standards listed below will be placed on academic probation or required to withdraw.

The Council on Education is responsible for interpreting the standards and for hearing appeals concerning them.

1. During each semester of the first year a student must earn at least nine semester hours credit and six quality points. The total at the end of the first year must be at least eighteen hours credit and twelve quality points.
  2. During each semester of the second year, a student must earn at least nine semester hours credit and nine quality points. The total at the end of the second year must be at least thirty-six semester hours credit and thirty quality points.
  3. During each semester of the third year, a student must earn at least twelve semester hours credit and twelve quality points. The total at the end of the third year must be at least sixty semester hours credit and fifty-four quality points.
  4. After the third year, a student must earn at least twelve semester hours credit and twelve quality points per semester.
- changing*

**Academic Probation.** One who does not meet the minimum scholarship standards as stated above will be placed on academic probation for one semester. During such probation, the student will be ineligible for participation in activities and will be subject to frequent counseling by the Dean of the College and his faculty adviser. In case one is placed on academic probation, the fact will be recorded on the permanent record, transcripts of credits, and semester grade reports.

One may be removed from academic probation by summer school attendance provided he earns enough credits and quality points on approved

courses to regularize himself in classification and provided he makes a "C" average on at least six semester hours.

**Academic Suspension.** One who falls as much as three hours and three quality points under the minimum scholarship standards at the end of the first semester of a session will be advised to withdraw, and one who falls as much as three hours and three quality points under these standards at the end of the second semester of a session will be suspended. Furthermore, one who falls under the minimum scholarship standards both semesters of a session will be suspended.

One may be reinstated following academic suspension by earning enough semester hours and quality points in an approved program of summer study to raise his totals to the minimum scholarship standard which he failed to meet and by making a "C" average on at least six semester hours. *once*

**Limitation of Work.** The regular maximum program is seventeen hours unless otherwise specified in the catalogue. To take a heavier load, formal application must be made through the Dean's office to the Council on Education. In the event this application is granted, an average mark of at least C must be earned on all subjects with no more than one mark below C. If more than one mark is below C, credit is lost in one course.

**Honor System.** An honor system has been in operation at Bridgewater for a long time. The system is under the general control and supervision of the Honor Council. The personnel of the Council as well as the rules and regulations of the system appear in the Student Handbook, entitled *The Eagle*.

**The Dean's List.** A regular student who has a grade point average of 2.20 or better at the end of a semester is honored by being placed on the Dean's List. The List is publicized and each student on it is allowed optional attendance up to ten absences for three, four, and five-hour courses, and seven absences for two-hour courses.

**Graduation Honors.** One may be graduated with one of the following honors: *cum laude*, *magna cum laude*, or *summa cum laude*. These honors are based on grade point averages and the quality of the comprehensive examination. The grade point average required for each of these honors is as follows: for *cum laude*, 2.20; for *magna cum laude*, 2.50; and for *summa cum laude*, 2.80. Candidates for graduation with one of these honors will need to verify the honor by means of the written and oral comprehensive.

A transfer student may not receive at graduation an honor higher than *cum laude*, except upon recommendation of the examining committee, and in order to receive this honor the student must have completed at least 60 semester hours in residence, and must have honor grades on the work done here and on the total program including transfer work.



**Comprehensive Examinations.** A candidate for graduation must pass a written comprehensive examination over his major field of concentration. The examinations will be selected or made, administered and graded under the direction of the student's major professor. This examination will be administered prior to March 15 of the year in which the student is expected to finish his work for graduation. A candidate for graduation whose written comprehensive is unsatisfactory will be required to take an oral comprehensive as a check. The oral comprehensive, if required, will be administered prior to May 1. It will be administered by the student's major professor with the assistance of two other professors appointed by the major professor and the Dean of the College. In case the achievement of the student is found unsatisfactory on the oral, the Chairman of the committee shall report immediately to the Dean of the College who, with the assistance of the Council on Education, will propose a program for remedial action.

# GRADUATION

## REQUIREMENTS FOR GRADUATION

Bridgewater College provides curricula leading to the Bachelor of Arts degree (B.A.) and the Bachelor of Science degree (B.S.)

Candidates for either of these degrees must meet the four general requirements listed immediately below and the specific requirements for each degree as listed on this page and the pages that follow.

1. Completion of standard college courses amounting to at least 128 semester hours as outlined on the following pages.
2. Quality points equal to the number of semester hours required for graduation. The quality points on the concentration must also equal the number of semester hours composing each.
3. The passing of a comprehensive examination covering the major field of concentration. (See comprehensive examinations page 32.)
4. The senior year, or 24 of the last 30 semester hours, in residence at Bridgewater College.

## REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

### 1. English—12 semester hours

- a. English 1, 2. Communications—6 hours
- b. English 21, 22. Masterpieces of Literature—6 hours

### 2. Foreign Language—12 semester hours in one language

If a student presents two units of high school credit in a foreign language and completes courses 21-22 in the same language, he may waive the remaining six hours of the above requirement. However, all students are strongly urged to complete the usual twelve hours.

### 3. Natural Science and Mathematics 14-16 semester hours

- a. Natural Science—8 hours
- b. Mathematics—6 hours or Natural Science—8 hours  
Students who have had two or more units in mathematics, including algebra, in high school may substitute a second year of natural science to meet the mathematics requirement.

### 4. History and Social Science—12 semester hours

- a. History—1, 2 or 21, 22—6 hours
- b. Social Science (Economics, Government, or Sociology)—6 hours

### 5. Religion—9 semester hours

- a. Religion 1, 2—6 hours
- b. Religion or Philosophy—3 hours

**6. Psychology—3 semester hours**

Psychology 20. General Psychology—3 hours

**7. Health and Physical Education—4 semesters**

Physical Education 1, 2, 21, 22. Health and Physical Education—4 hours. This requirement may be waived for veterans.

**8. Concentration Requirement.** A concentration consists of a departmental major of not less than thirty semester hours, or a departmental major of not less than eighteen semester hours and related courses sufficient to bring the total to at least thirty semester hours. The courses composing the concentration must be numbered 20 or above unless otherwise specifically indicated.

Near the end of his sophomore year or before the beginning of his junior year, a program of courses in the major department and related courses comprising the concentration shall be developed for each student by the student and his major professor. This program must be approved by the Dean of the College. Any changes in the proposed concentration after it has been started must likewise have the approval of the major professor and the Dean.

Each student must earn quality points equal to the number of semester hours composing the concentration and show satisfactory achievement on a comprehensive examination covering the major. Suitable concentrations from which the student may choose are listed below.

**A. Biology.**

A major of not less than thirty semester hours including Biology 53 and at least twenty-seven additional hours in biology and related fields selected to best fit the needs of the individual student. (Biology 7-8, Chemistry 1-2, and Mathematics 10 are prerequisite to a major in the department.)

**B. Chemistry.**

A major in chemistry of not less than twenty-eight semester hours including courses 21, 22, 51-52, 55-56, 67 and 68 and twenty hours in related courses consisting of Mathematics 20, 30, 51, 52 and Physics 51-52. (Chemistry 1-2, and Mathematics 10 are prerequisites to a major in the department.)

**C. Economics and Business.**

A major in economics and business of not less than thirty semester hours in Economics 21-22, 51, 54, 55, 56, and Business 57, 58, 65 and one elective.

**D. English.**

A major in English of not less than thirty semester hours including courses 21, 22, 51, 52, 53, 54, and 55; or a major in English of not less than

eighteen semester hours including courses 21, 22, 51, 52, 53, and 54 and twelve hours in a related field elected by the student with the advice and consent of the head of the English Department.

#### **E. Foreign Language.**

A major in French or in Spanish of not less than twenty-four semester hours and six hours of related courses selected from English, history, philosophy, another foreign language or one of the social sciences.

#### **F. General Science**

A major of not less than thirty-seven semester hours including Chemistry 21, 22, 51-52, Biology 61, 62, Mathematics 20, and Physics 51-52. This concentration is designed primarily for pre-medical and pre-dental students and secondary school science teachers. Prospective teachers may be permitted to substitute six to eight hours of biology electives for Biology 61, 62. (Chemistry 1-2, Biology 7-8, and Mathematics 10 are prerequisite to the major requirements.)

#### **G. Health and Physical Education.**

A major in health and physical education of not less than twenty-four semester hours consisting of courses numbered 51 and above and eight hours in Biology 7-8.

#### **H. History.**

A major in history of not less than twenty-six semester hours including courses 1, 2, 21, 22, 51, 52, 63 and 64, and twenty-one hours of related courses consisting of Economics 21-22, Business 68, Government 21, Philosophy 51 and 52, and Sociology 20.

#### **I. Home Economics.**

A major in home economics of not less than thirty semester hours selected and approved by the department.

#### **J. Mathematics.**

A major in mathematics of thirty semester hours consisting of Mathematics 20, 26, 30, 51, 52, 53, 54, 57, 59 and 64. (A course in solid geometry is prerequisite to a major in mathematics.)

#### **K. Music.**

A major in music of not less than thirty semester hours including courses 23, 24, 51, 52 and sixteen additional hours selected and approved by the department.

#### **L. Philosophy and Religion.**

A major in philosophy and religion of not less than thirty semester hours, fifteen from philosophy and fifteen from religion.

**M. Psychology.**

A major in psychology of not less than twenty-one semester hours including courses 20, 22, 50, 51, 54, 57, 59 or 65 and fourteen hours in related courses consisting of biology and philosophy, or a major of not less than nineteen semester hours including courses 20, 52, 57, 62, 64 and 65 and twenty hours in related courses consisting of biology, mathematics, and philosophy.

**N. Sociology.**

A major in sociology of not less than eighteen semester hours including courses 20, 56, and 58 and related courses of not less than twelve semester hours selected from economics, government, history, philosophy, and psychology.

For a curriculum designed to meet these requirements, see page 39.

**REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN  
BUSINESS ADMINISTRATION**

In addition to the general requirements for graduation, the specific requirements for the Bachelor of Science in Business Administration Degree as outlined below must be fulfilled.

**1. English—12 semester hours**

- a. English 1, 2. Communications—6 hours
- b. English 21, 22. Masterpieces of Literature—6 hours

**2. Natural Science—8 semester hours****3. Mathematics—9 semester hours**

- a. Mathematics 3, 4. Mathematics of Finance—6 hours
- b. Mathematics 62. Introduction to Statistics—3 hours

**4. History and Social Science—12 semester hours**

- a. History 1, 2. Western Civilization—6 hours
- b. Government 21. United States Government, and 22, State, City and Rural Government; or an approved elective—6 hours

**5. Religion—9 semester hours**

- a. Religion 1, 2—6 hours
- b. Religion or Philosophy—3 hours

**6. Psychology—3 semester hours**

- a. Psychology 20. General Psychology—3 hours

**7. Health and Physical Education—4 semesters**

- a. Physical Education 1, 2, 21, 22. Health and Physical Education—4 hours. This requirement may be waived for veterans.



8. **A concentration in economics and business**, including courses 21-22, 51, 54, 55, and 56, in economics; courses 21-22, 53, 57, 58, and 65 in business. Also six semester hours to be selected from the following courses: Business 51-52, 54, 55, 56, 64, 66, 68, 72, 74, 76, Secretarial Studies 62, Psychology 59, and Sociology 62.

For a curriculum designed to meet these requirements see page 45.

## **REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN BUSINESS EDUCATION**

In addition to the general requirements for graduation, the specific requirements for the Bachelor of Science in Business Education Degree as outlined below must be fulfilled. This program is designed primarily to train business education teachers for the public schools. However, it is also recommended for those who wish to become office secretaries.

1. **English—12 semester hours**
  - a. English 1, 2. Communications—6 hours
  - b. English 21, 22. Masterpieces of Literature—6 hours
2. **Foreign Language, Music, or Art—6 semester hours**
  - a. If Foreign Language is elected, the second year course must be completed.
3. **Natural Science—8 semester hours**
4. **Mathematics—6 semester hours**
  - a. Mathematics 3, 4. Mathematics of Finance—6 hours
5. **History—6 semester hours**
  - a. History 21, 22. American History—6 hours
6. **Religion—9 semester hours**
  - a. Religion 1, 2—6 hours
  - b. Religion or Philosophy—3 hours
7. **Psychology—3 semester hours**
  - a. Psychology 20. General Psychology—3 hours
8. **Education—15 semester hours**
  - a. Education 50. Educational Psychology—3 hours
  - b. Education 60. Secondary Education—3 hours
  - c. Education 80. Principles of High School Teaching—3 hours
  - d. Education 100. Supervised High School Teaching—6 hours
9. **Health & Physical Education—6 semester hours**
  - a. Physical Education 1, 2, 21, 22. Health & Physical Education—4 hours.
  - b. Physical Education 50. Personal and Community Health—2 hours

10. **A concentration in Business, Economics and Secretarial Studies** consisting of courses 21-22, 23-24, 25, 26, and 62 in secretarial studies, courses 21-22, 51-52, and 57, 58, and 65 in business, and courses 21-22, and three hours of electives in economics. This concentration will be allowed only for those who take the courses in education required for the Virginia Collegiate Professional Certificate or its equivalent to teach in the public schools.

For a curriculum designed to meet these requirements see page 48.

### **REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN HOME ECONOMICS**

In addition to the general requirements for graduation, the following specific requirements for the Bachelor of Science in Home Economics degree must be fulfilled. This curriculum is designed primarily to train vocational home economics teachers for the public schools. Students interested in home economics for other purposes should consider the Bachelor of Arts Degree with a concentration in home economics.

1. **Art and Music—3 semester hours**
  - a. Art 68. Arts and Crafts—2 hours
  - b. Art or Music—1 hour
2. **English—12 semester hours**
  - a. English 1, 2. Communications—6 hours
  - b. English 21, 22. Masterpieces of Literature—6 hours
3. **Natural Science—8 semester hours**
  - a. Biology 7-8. General Biology—8 hours
4. **Mathematics—6 semester hours**
  - a. Mathematics 3, 4. Mathematics of Finance—6 hours
5. **Religion—9 semester hours**
  - a. Religion 1, 2—6 hours
  - b. Religion or Philosophy—3 hours
6. **History and Social Science—12 semester hours**
  - a. History 21, 22. American History—6 hours
  - b. Sociology 20. Principles of Sociology—3 hours
  - c. Sociology 30. Marriage and Family Life—3 hours
7. **Psychology—6 semester hours**
  - a. Psychology 20. General Psychology—3 hours
  - b. Psychology 51. Psychology of Human Development—3 hours
8. **Education—3 semester hours**
  - a. Education 50. Educational Psychology—3 hours
9. **Health and Physical Education—6 semester hours**
  - a. Physical Education 1, 2, 21, 22. Health and Physical Education—4 hours

- b. Physical Education 50. Personal and Community Health—2 hours
  - 10. **Home Economics Education—12 semester hours**
    - a. Home Economics 63. Special Methods in Home Economics—3 hours
    - b. Home Economics 65. Vocational Home Economics—3 hours
    - c. Home Economics 80. Supervised High School Teaching—6 hours
  - 11. **A concentration in home economics** including courses numbered 1, 2, 4, 21, 52, 54, 56, 57, 58, 59, 61, 62, and 66.
- For a curriculum designed to meet these requirements see page 49.

### REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN MUSIC EDUCATION

In addition to the general requirements for graduation, the following specific requirements for the Bachelor of Science in Music Education degree must be fulfilled. This curriculum in music education is designed primarily to train music supervisors or teachers for the public schools. Students interested in music for other purposes should consider the Bachelor of Arts degree with a concentration in music.

- 1. **English—12 semester hours**
  - a. English 1, 2. Communications—6 hours
  - b. English 21, 22. Masterpieces of Literature—6 hours
- 2. **Foreign Language—12 semester hours preferably in French or German**

If a student presents two units of high school credit in a foreign language and completes courses 21-22 in the same language, he may waive the remaining six hours of the above requirement. However, all students are strongly urged to complete the usual twelve hours.
- 3. **Natural Science—8 semester hours**
- 4. **Mathematics—6 semester hours**
- 5. **History and Social Science—12 semester hours**
  - a. History 21, 22. American History—6 hours
  - b. Economics, Government or Sociology—6 hours
- 6. **Religion—6 semester hours**
  - a. Religion 1—3 hours
  - b. Religion or Philosophy—3 hours
- 7. **Psychology—3 semester hours**
  - a. Psychology 20. General Psychology—3 hours



**8. Education—6 semester hours**

- a. Education 50. Educational Psychology—3 hours
- b. Education 60. Secondary Education—3 hours

**9. Health and Physical Education—6 semester hours**

- a. Physical Education 1, 2, 21, 22. Health and Physical Education—4 hours. This requirement may be waived for veterans.
- b. Physical Education 50. Personal and Community Health—2 hours

10. **A concentration in Music** consisting of courses numbered 1-2, 15, 16, 23-24, 51, 52, 57, 58, 59, 61, 62, and 71, 72 in music theory, and sixteen semester hours in applied music including piano, voice, organ, and string or wind instruments, and eight semesters of band, orchestra or glee club. This requirement in applied music must include two semester hours credit in piano and two semester hours credit in voice. It must also include four semesters participation in glee club and four semesters participation in band or orchestra.

For a curriculum designed to meet these requirements see page 51.

# SUGGESTED CURRICULA

On the following pages the courses of instruction are organized into suggested curricula. Each four year curriculum leads to the Bachelor of Arts Degree or the Bachelor of Science Degree. Some of the two year curricula lead to a certificate.

## Suggested Curriculum leading to the B.A. degree

This curriculum is designed to prepare students for general civic responsibilities and for graduate study. While the program is flexible, the courses should be taken in order. Changes in it and the selection of the electives should be made with the approval of the Dean and the student's faculty adviser.

### FRESHMAN YEAR

	Semester hours per semester:	
	1st	2nd
English 1, 2 Communications .....	3	3
Foreign Language .....	3	3
Natural Science 3, 4 General Physical Science .....	4	4
Religion 1 Introduction to Old Testament .....	3	0
Religion 2 Introduction to New Testament .....	0	3
History 1, 2 or Mathematics .....	3	3
Phys. Ed. 1, 2 Health and Physical Education .....	1	1
	<hr/> 17	<hr/> 17

### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
Foreign Language .....	3	3
Biology 7-8, Mathematics, or Directed Electives .....	4	4
Religion or Philosophy and Psychology 20 .....	3	3
History or Social Science .....	3	3
Phys. Ed. 21, 22 Health and Physical Education .....	1	1
	<hr/> 17	<hr/> 17

### JUNIOR YEAR

Major Subjects .....	6	6
Directed Electives .....	6	6
Free Elective .....	3	3
	<hr/> 15	<hr/> 15

### SENIOR YEAR

Major Subjects .....	6	6
Directed Electives .....	6	6
Free Elective .....	3	3
	<hr/> 15	<hr/> 15

### Suggested Curriculum With A Major in General Science

This curriculum leads to the Bachelor of Arts Degree. It is designed especially for pre-dental and pre-medical students. Any changes should have the approval of the Dean and the pre-medical adviser.

#### FRESHMAN YEAR

		<i>Semester hours per semester:</i>	
		<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3	3
Mathematics 10 College Algebra .....	3	3	3
Mathematics 20 Trigonometry .....	0	0	3
Foreign Language .....	3	3	3
Chemistry 1-2 General Chemistry .....	4	4	4
Religion 1 Introduction to Old Testament .....	3	3	0
Religion 2 Introduction to New Testament .....	0	0	3
Phys. Ed. 1, 2 Health and Physical Education .....	1	1	1
	<u>17</u>	<u>17</u>	<u>17</u>

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
Foreign Language .....	3	3
Biology 7-8 General Biology .....	4	4
History 1, 2 Western Civilization .....	3	3
Chemistry 21 Analytical Chemistry I .....	4	0
Chemistry 22 Analytical Chemistry II .....	0	4
Phys. Ed. 21, 22 Health and Physical Education .....	1	1
	<u>18</u>	<u>18</u>

#### JUNIOR YEAR

Economics, Government, or Sociology .....	3	3
Physics 51-52 General Physics .....	4	4
Chemistry 51-52 Organic Chemistry .....	5	5
Religion or Philosophy and Psychology 20 .....	3	3
	<u>15</u>	<u>15</u>

#### SENIOR YEAR

Biology 61, 62 Vertebrate Anatomy and Embryology .....	4	4
Directed Electives .....	12	12
	<u>16</u>	<u>16</u>

### Suggested Curriculum with a Concentration in Chemistry

This curriculum leads to the Bachelor of Arts Degree. It is recommended especially for those who wish to prepare for graduate work, or industrial or governmental positions in chemistry.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	
	<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3
Religion 1 Introduction to Old Testament .....	3	0
Religion 2 Introduction to New Testament .....	0	3
Psychology 20 General Psychology .....	0	3
Chemistry 1-2 General Chemistry .....	4	4
Mathematics 10 College Algebra .....	3	0
Mathematics 20 Trigonometry .....	3	0
Mathematics 30 Analytic Geometry .....	0	3
Phys. Educ. 1, 2 Health and Physical Education .....	1	1
	<hr/> 17	<hr/> 17

#### SOPHOMORE YEAR

History 1, 2 Western Civilization .....	3	3
German 1-2 Elementary German .....	3	3
Chemistry 21 Analytical Chemistry I .....	4	0
Chemistry 22 Analytical Chemistry II .....	0	4
Mathematics 51, 52 Calculus I and Calculus II .....	3	3
Physics 51-52 General Physics .....	4	4
Phys. Educ. 21, 22 Health and Physical Education .....	1	1
	<hr/> 18	<hr/> 18

#### JUNIOR YEAR

English 21, 22 Masterpieces of Literature .....	3	3
German 21-22 Second Year German .....	3	3
Social Science, (Economics, Government, Sociology) .....	3	3
Chemistry 51-52 Organic Chemistry .....	5	5
Chemistry 55-56 Physical Chemistry .....	4	4
	<hr/> 18	<hr/> 18

#### SENIOR YEAR

Religion or Philosophy .....	3	0
Advanced Chemistry (Courses numbered 61 or above) .....	3 or 4	3 or 4
Chemistry 67, 68 Advanced Chemistry Seminar .....	1	1
Electives .....	9	12
	<hr/> 16-17	<hr/> 16-17

### Suggested Curriculum with a Concentration in Mathematics and Physics

This curriculum leads to the Bachelor of Arts degree. It has been designed to prepare students for graduate work in mathematics and physics or for positions in government, business and industry. Changes or adjustments may be made in light of the student's vocational or professional interest. However, any change must have the approval of the Dean of the College and the student's adviser.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	<i>1st</i>
English 1, 2 Communications .....	3	
History 1, 2 Western Civilization .....	3	
Chemistry 1-2 General Chemistry .....	4	
Mathematics 10 College Algebra .....	3	
Mathematics 20 Trigonometry .....	3	
Mathematics 30 Analytic Geometry .....	0	
Psychology 20 or Religion 2 .....	0	
Phys. Educ. 1, 2 Health and Physical Education .....	1	
	<hr/>	17

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3
Foreign Language I .....	3
Physics 51-52 General Physics .....	4
Religion 1 Introduction to Old Testament .....	3
Religion 2 or Psychology 20 .....	0
Mathematics 51 Calculus I .....	3
Mathematics 52 Calculus II .....	0
Phys. Educ. 21, 22 Health and Physical Education .....	1
	<hr/>
	17

#### JUNIOR YEAR

Mathematics 53 Calculus III .....	3
Mathematics 54 Differential Equations .....	0
Foreign Language II .....	3
Physics 53, 54 Mechanics .....	3
Social Science .....	3
Religion or Philosophy .....	3
Free Electives .....	0
	<hr/>
	15

#### SENIOR YEAR

Mathematics Elective .....	3
Physics Elective .....	3
Free Electives .....	9
	<hr/>
	15

### Suggested Curriculum Leading to the Bachelor of Science Degree in Business Administration

This curriculum is designed to train men and women for managerial or supervisory positions in business. Adjustments and electives should be approved by the Dean and the student's adviser.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	
	<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3
Natural Science 3, 4 General Physical Science .....	4	4
Mathematics 3, 4 Mathematics of Finance .....	3	3
Religion 1 Introduction to Old Testament .....	3	0
Religion 2 Introduction to New Testament .....	0	3
History 1, 2 Western Civilization .....	3	3
Phys. Ed. 1, 2 Health and Physical Education .....	1	1
	<hr/> 17	<hr/> 17

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
Business 21-22 Principles of Accounting .....	4	4
Economics 21-22 Principles of Economics .....	3	3
Religion or Philosophy, and Psychology 20 .....	3	3
Government 21, 22 .....	3	3
Phys. Ed. 21, 22 Health and Physical Education .....	1	1
	<hr/> 17	<hr/> 17

#### JUNIOR YEAR

Business 57, 58 Business Law .....	3	3
Economics 51 Labor Problems .....	3	0
Economics 54 Public Finance .....	0	3
Economics 55 Money and Banking .....	3	0
Mathematics 62 Introduction to Statistics .....	0	3
Business Electives .....	6	3
Free Elective .....	0	3
	<hr/> 15	<hr/> 15

#### SENIOR YEAR

Business 65 Business Administration .....	3	0
Business Electives .....	3	3
Free Electives .....	9	12
	<hr/> 15	<hr/> 15

### Suggested Curriculum for High School Teachers of Academic Subjects

This curriculum leads to the Bachelor of Arts Degree. Changes in it should have the approval of the Dean and of the Head of the Department of Education. For professional requirements and for guidance in selecting a major see pages 32, 33, 34 and 66.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	
	<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3
Mathematics .....	3	3
Foreign Language .....	3	3
*Natural Science 3, 4 General Physical Science .....	4	4
Religion 1 Introduction to Old Testament .....	3	0
Religion 2 Introduction to New Testament .....	0	3
Phys. Ed. 1, 2 Health and Physical Education .....	1	1
	<hr/> 17	<hr/> 17

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
Foreign Language .....	3	3
History 21, 22 American History .....	3	3
Religion or Philosophy, and Psychology 20 .....	3	3
Social Science (Economics, Government, or Sociology) .....	3	3
Phys. Ed. 21, 22 Health and Physical Education .....	1	1
	<hr/> 16	<hr/> 16

#### JUNIOR YEAR

Major Subjects .....	6	6
Education 50 Educational Psychology .....	3	0
Education 60 Secondary Education .....	0	3
Phys. Ed. 50 Personal and Community Health .....	2	0
Directed Electives .....	6	6
	<hr/> 17	<hr/> 15

#### SENIOR YEAR

Approximately thirty semester hours must be selected and completed for the senior year. Supervised teaching, six semester hours, and Principles of High School Teaching, three semester hours, must be included and must be carried together but they may be carried in either the first or the second semester. All other courses must be selected with a view of meeting graduation and certification requirements. Plans for the supervised teaching must be made in the second semester of the junior year while the preliminary registration project is being carried on. A laboratory science should not be planned for the semester in which student teaching is to be done.

\* One who has the proper prerequisites may substitute General Biology or General Chemistry.

### Suggested Curriculum for High School Teachers of General Science

This curriculum leads to the Bachelor of Arts Degree. Changes in it should have the approval of the Dean and of the Head of the Department of Education. For professional requirements see page 67.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	
	<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3
Mathematics 10 College Algebra .....	3	0
Mathematics 20 Trigonometry .....	0	3
Foreign Language .....	3	3
Chemistry 1-2 General Chemistry .....	4	4
Religion 1 Introduction to Old Testament .....	3	0
Religion 2 Introduction to New Testament .....	0	3
Phys. Ed. 1, 2 Health and Physical Education .....	1	1
	<hr/> 17	<hr/> 17

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
Foreign Language .....	3	3
Biology 7-8 General Biology .....	4	4
History 21, 22 American History .....	3	3
Chemistry 21 Analytical Chemistry I .....	4	0
Chemistry 22 Analytical Chemistry II .....	0	4
Phys. Ed. 21, 22 Health and Physical Education .....	1	1
	<hr/> 18	<hr/> 18

#### JUNIOR YEAR

Social Science .....	3	3
Physics 51-52 General Physics .....	4	4
Chemistry 51-52 Organic Chemistry .....	5	5
Religion or Philosophy and Psychology 20 .....	3	3
	<hr/> 15	<hr/> 15

#### SENIOR YEAR

If the courses have been completed as outlined above, approximately thirty semester hours must be selected for the senior year. These must include six to eight hours in biology and fifteen hours in professional subjects. The professional subjects must include Educational Psychology, Secondary Education, Principles of High School Teaching and Supervised Student Teaching. The Principles of Teaching and the Supervised Teaching must be taken together but may be taken in the first or second semester.



### Suggested Curriculum for a Teacher of Business

This curriculum leads to the Bachelor of Science Degree in Business Education. The student should consult the Dean and his adviser with reference to adjustments. For professional requirements see page 67.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	<i>1st</i>
English 1, 2 Communications .....	3	3
Mathematics 3, 4 Mathematics of Finance .....	3	3
Natural Science 3, 4 General Physical Science .....	4	4
Religion 1 Introduction to Old Testament .....	3	3
Religion 2 Introduction to New Testament .....	0	0
Secretarial Studies 7-8 Elementary Shorthand .....	3	3
Secretarial Studies 5-6 Elementary Typewriting .....	2	2
Phys. Ed. 1, 2 Health and Physical Education .....	1	1
		<hr/> 19

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
History 21, 22 American History .....	3	3
Religion or Philosophy and Psychology 20 .....	3	3
Business 21-22 Principles of Accounting .....	4	4
Secretarial Studies 23-24 Advanced Shorthand .....	3	3
Secretarial Studies 21-22 Advanced Typewriting .....	2	2
Phys. Ed. 21, 22 Health and Physical Education .....	1	1
		<hr/> 19

#### JUNIOR YEAR

Economics 21-22 Principles of Economics .....	3	3
Business 51-52 Intermediate Accounting .....	3	3
Education 60 Secondary Education .....	0	0
Education 50 Educational Psychology .....	3	3
Secretarial Studies 25 Filing .....	2	2
Secretarial Studies 26 Secretarial Practice .....	0	0
Foreign Language (Second Year), Music, or Art .....	3	3
Phys. Ed. 50 Personal and Community Health .....	2	2
Directed Elective .....	0	0
		<hr/> 16

#### SENIOR YEAR

Education 100 Supervised Teaching .....	6	6
Education 80 Principles of High School Teaching .....	3	3
Business 57, 58 Business Law .....	3	3
Business 65 Business Administration .....	3	3
Secretarial Studies 62 Office Machines Practice .....	0	0
Directed Electives .....	0	0
Economics Elective .....	0	0
		<hr/> 15

### Suggested Curriculum for a Teacher of Home Economics

This curriculum leads to the Bachelor of Science Degree in home economics education. It is approved by the Virginia State Department of Education. Students who complete it will be eligible for a certificate to teach vocational home economics. For professional requirements see page 67.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	
	<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3
Biology 7-8 General Biology .....	4	4
Mathematics .....	3	3
Home Economics 1, Textile Study .....	3	0
Home Economics 2, Clothing Construction .....	0	3
Religion 1 Introduction to Old Testament .....	3	0
Religion 2 Introduction to New Testament .....	0	3
Phys. Ed. 1, 2 Health & Physical Education .....	1	1
	<hr/> 17	<hr/> 17

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
Home Economics 4 Art and Design .....	0	3
Home Economics 21 Food for the Family .....	3	0
Home Economics 52 Advanced Foods .....	0	3
History 21, 22 American History .....	3	3
Religion or Philosophy and Psychology 20 .....	3	3
Sociology 20 Principles of Sociology .....	3	0
Phys. Ed. 21, 22 Health & Physical Education .....	1	1
	<hr/> 16	<hr/> 16

#### JUNIOR YEAR

Psychology 51 Psychology of Human Development .....	3	0
Education 50 Educational Psychology .....	0	3
Sociology 30 Marriage and Family Life .....	3	0
Home Economics 54 Child Growth and Development .....	0	3
Home Economics 63 Special Methods in Home Economics .....	3	0
Home Economics 58 Nutrition .....	0	4
Phys. Ed. 50 Personal and Community Health .....	0	2
Home Economics 57 Economics of Family Living .....	2	0
Home Economics 56 Home Nursing .....	0	2
Art or Music .....	1	0
Electives .....	3	3
	<hr/> 15	<hr/> 17

#### SENIOR YEAR

Home Economics 66 Advanced Clothing .....	0	3
Home Economics 61 Resident Home Management .....	3	0
Home Economics 62 House Planning and Furnishing .....	0	3
Home Economics 65 Vocational Home Economics .....	3	0
Home Economics 59 Home Management .....	3	0
Home Economics 80 Supervised High School Teaching .....	6	0
Art 68 Arts and Crafts .....	0	2
Electives .....	0	9
	<hr/> 15	<hr/> 17

### Suggested Curriculum for a Teacher of Health and Physical Education

This curriculum leads to the Bachelor of Arts Degree with a major in physical education and a minor in biology. Courses marked with an asterisk (\*) are offered in alternate years. The student should consult the Dean and his adviser with reference to adjustments. For Professional Requirements see page 67.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3	3
Mathematics .....	3	3	3
Foreign Language .....	3	3	3
**Natural Science 3, 4 General Physical Science .....	4	4	4
Religion 1 Introduction to Old Testament .....	3	3	3
Religion 2 Introduction to New Testament .....	0	0	0
Phys. Ed. 1, 2 Health and Physical Education .....	1	1	1
	<u>17</u>	<u>17</u>	<u>17</u>

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3	3
Foreign Language .....	3	3	3
Biology 7-8 General Biology .....	4	4	4
History 21, 22 American History .....	3	3	3
Religion or Philosophy and Psychology 20 .....	3	3	3
Phys. Ed. 21, 22 Health and Physical Education .....	1	1	1
	<u>17</u>	<u>17</u>	<u>17</u>

#### JUNIOR YEAR

Social Science (Economics, Government or Sociology) .....	3	3	3
Education 60 Secondary Education .....	0	0	0
Directed Elective .....	3	0	0
Education 50 Educational Psychology .....	0	3	3
Phys. Ed. 50 Personal and Community Health .....	0	2	2
Phys. Ed. 51 Principles of Physical Education .....	3	0	0
*Phys. Ed. 53 Organ. and Admin. of School Health Program ...	3	0	0
*Phys. Ed. 55 Kinesiology .....	3	0	0
*Phys. Ed. 54 Safety .....	0	3	3
*Phys. Ed. 56 Methods and Materials in Health Education .....	0	2	2
Phys. Ed. 62 First Aid .....	1	0	0
	<u>16</u>	<u>16</u>	<u>16</u>

#### SENIOR YEAR

*Phys. Ed. 57 Individual and Dual Sports .....	3	0	0
*Phys. Ed. 58 Recreation .....	0	3	3
*Phys. Ed. 52 Curriculum in Health and Physical Education .....	0	3	3
*Phys. Ed. 64 Teaching and Coaching Team Sports .....	0	3	3
Education 80 Principles of H. S. Teaching .....	3	0	0
Education 100 Supervised Teaching .....	6	0	0
Directed Electives .....	3	6	6
	<u>15</u>	<u>15</u>	<u>15</u>

\*\* Students who have had Chemistry in high school may omit General Physical Science and take General Biology.

## Suggested Curriculum for a Teacher of Music

This curriculum leads to the Bachelor of Science Degree in Music Education. It qualifies one for a certificate to teach or supervise music in the public schools. Changes in it should have the approval of the Dean and the student's adviser. For professional requirements see page 67.

## FRESHMAN YEAR

	<i>Semester hours per semester:</i>	
	1st	2nd
English 1, 2 Communications .....	3	3
Mathematics 3, 4 Math of Finance .....	3	3
Religion 1 Introduction to Old Testament .....	3	0
Religion 2 Introduction to New Testament .....	0	3
Music 1-2 Theory .....	4	4
Music 15, 16 Wind and Percussion Instruments .....	2	2
Phys. Ed. 1, 2 Health and Physical Education .....	1	1
*Applied Music .....	2	2
	<hr/> 18	<hr/> 18

## SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
Foreign Language .....	3	3
**Natural Science 3, 4 General Physical Science .....	4	4
Music 23-24 Advanced Theory, Form, and Analysis .....	4	4
Phys. Ed. 21, 22 Health and Physical Education .....	1	1
*Applied Music .....	2	2
	<hr/> 17	<hr/> 17

## JUNIOR YEAR

Psychology 20 General Psychology .....	0	3
Foreign Language .....	3	3
Music 57 Music Methods in the Elementary School .....	3	0
Music 58 Music Methods in the Secondary School .....	0	3
Music 59 Instrumentation .....	3	0
Music 61 Conducting .....	3	0
History 21, 22 American History .....	3	3
Phys. Educ. 50 Personal and Community Health .....	0	2
Music 62 String Instruments .....	0	2
*Applied Music .....	2	2
	<hr/> 17	<hr/> 18

## SENIOR YEAR

Music 51, 52 History and Literature of Music .....	3	3
Music 71, 72 Supervised Teaching .....	3	3
Education 50 Educational Psychology .....	3	0
Education 60 Secondary Education .....	0	3
Music 56 Church Music (or directed elective) .....	0	2-3
Social Science (Economics, Government, or Sociology) .....	3	3
*Applied Music .....	2	2
Elective .....	3	0
	<hr/> 17	<hr/> 16-17

\* This curriculum requires sixteen semester hours credit in applied music and eight semesters participation in glee club and band. The credit in applied music must include at least two semester hours in piano and two in voice. Participation without academic credit is required in four semesters of glee club and four semesters of band.

\*\* One who has had the proper prerequisites may substitute General Biology or General Chemistry.

### Suggested Curriculum for an Elementary Teacher

This curriculum leads to the Bachelor of Arts Degree. Changes in should have the approval of the Dean, the Head of the Department of Education, and the major professor. For professional requirements see page 67.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	<i>1st</i>
English 1, 2 Communications .....	3	2
Mathematics 3, 4 Mathematics of Finance .....	3	
Foreign Language .....	3	
Natural Science 3, 4 General Physical Science .....	4	
Religion 1 Introduction to Old Testament .....	3	
Religion 2 Introduction to New Testament .....	0	
Phys. Ed. 1, 2 Health and Physical Education .....	1	
	<hr/>	
	17	17

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	
History 21, 22 American History .....	3	
Foreign Language .....	3	
Religion or Philosophy, and Psychology 20 .....	3	
Social Science (Economics, Government, or Sociology) .....	3	
Phys. Ed. 21, 22 Health and Physical Education .....	1	
	<hr/>	
	16	16

#### JUNIOR YEAR

Education 53 Curriculum and Teaching .....	3	0
Education 54 The Teaching of Reading .....	0	3
English 64 Literature for Children .....	0	3
Speech or English 57 Advanced Grammar .....	3	0
Business 68 Economic and Cultural Geography .....	0	3
Education 50 Educational Psychology .....	0	3
Music 57 Music Methods in the Elementary School .....	3	0
Art 68 Arts and Crafts .....	0	2
Phys. Ed. 50 Personal and Community Health .....	2	0
Major Elective .....	6	3
	<hr/>	
	17	17

#### SENIOR YEAR

Approximately thirty semester hours must be completed in the senior year. These must consist of Supervised Teaching and such other courses as needed to complete all requirements for graduation and certification. Supervised teaching may be done in either semester, but plans for it must be made in the second semester of the junior year while the preliminary registration project is being carried on.

### Suggested Curriculum in Forestry

This curriculum has been planned in cooperation with the School of Forestry of Duke University. Students who complete it with grades averaging B- or better and have a good general record will be recommended by us and accepted by Duke.

Upon completion of at least twenty-four hours with an average grade of C or better in the Duke School of Forestry, the student will be eligible for the Bachelor of Arts degree at Bridgewater College.

The student will be expected to apply for admission to the School of Forestry after the end of the first semester of the junior year and to enter the summer school after the completion of the year. At this time the student becomes a candidate for the Master of Forestry degree. The normal time for attaining this degree will be a summer and two regular sessions after leaving Bridgewater.

Any changes in this curriculum must have the approval of the Dean of the College and the student's adviser. The course marked with an asterisk (\*) is offered in alternate years and may be taken in the sophomore or junior year.

#### FRESHMAN YEAR

	<i>Semester hours per semester:</i>	
	<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3
Foreign Language (French, German, or Spanish) .....	3	3
Mathematics 10 College Algebra .....	3	0
Mathematics 20 Trigonometry .....	0	3
Chemistry 1-2 General Chemistry .....	4	4
Religion 1 Introduction to Old Testament .....	3	0
Religion 2 Introduction to New Testament .....	0	3
Physical Education 1, 2 Health & Physical Education .....	1	1
	<hr/> 17	<hr/> 17

#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
Foreign Language (French, German, or Spanish) .....	3	3
Biology 7-8 General Biology .....	4	4
Physics 51-52 General Physics .....	4	4
History 1, 2 Western Civilization .....	3	3
Physical Education 21, 22 Health & Physical Education .....	1	1
	<hr/> 18	<hr/> 18

#### JUNIOR YEAR

Economics 21-22 Principles of Economics .....	3	3
Psychology 20 General Psychology .....	3	0
Philosophy or Directed Elective .....	0	3
Biology 23 General Botany .....	0	4
*Biology 55 Genetics .....	3	0
Geology 21, 22 Geology .....	4	4
Speech 20 Public Speaking (or Directed Elective) .....	0	3
Directed Elective .....	3	0
	<hr/> 16	<hr/> 17

## TWO-YEAR CURRICULA

The curricula outlined on the preceding pages are four years in length. They lead to the baccalaureate degree, and are regarded as the major programs of the college. The college is interested, however, in providing two year programs as may be needed by the young men and women of the constituency.

On this page and several that follow are several such programs. Two of these programs contain the basic academic courses of four year programs. The remainder are in a sense terminal. While these two year terminal curricula do not lead directly to a degree, they may lead to a certificate. Students who are interested in obtaining a certificate upon completion of one of these programs should make application to the Dean of the College by the beginning of the second year.

### SUGGESTED CURRICULUM FOR STUDENTS OF AGRICULTURE

This curriculum has been designed for those students who wish to pursue a four year program leading to the Bachelor of Science degree in a school or college of agriculture. Students who complete it may transfer to a school of agriculture without loss of credit provided they make grades averaging C or better.

It will be necessary for the student to name the area of his special interest in agriculture by the beginning of the second year in order that he may be guided or directed into proper electives. Some of the programs of agriculture in which students may wish to specialize are: agricultural economics, agricultural education, agricultural engineering, agronomy, animal husbandry, dairy husbandry, forestry and wildlife conservation, general agriculture, horticulture, and poultry husbandry.

#### Suggested Curriculum for Pre-agriculture

##### FRESHMAN YEAR

<i>Semester hours per semester:</i>		<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3	3
Mathematics 10 College Algebra .....	3	3	0
Mathematics 20 Trigonometry .....	0	3	3
Chemistry 1-2 General Chemistry .....	4	4	4
Religion 1 Introduction to Old Testament .....	3	0	3
Religion 2 Introduction to New Testament .....	0	3	3
History 1, 2 Western Civilization .....	3	3	3
Phys. Ed. 1, 2 Health and Physical Education .....	1	1	1
	<hr/>	17	17

##### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3	3
Economics 21-22 or Sociology or Government 21, 22 .....	3	3	3
Psychology 20 or Directed Elective .....	3	0	3
Speech 21 Public Speaking .....	0	3	3
Biology 7-8 General Biology .....	4	4	4
Phys. Ed. 21, 22 Health and Physical Education .....	1	1	1
Directed Elective .....	3	3	3
	<hr/>	17	17

## SUGGESTED CURRICULUM FOR STUDENTS OF ENGINEERING

This curriculum has been designed for those students who wish to pursue a program leading to the Bachelor of Science degree in a school or college of engineering. Students who complete it may transfer to a school of engineering without loss of credit provided they make grades averaging C or better.

The minimum secondary school prerequisites in mathematics for those who wish to pursue this program are: two units in algebra, one unit in plane geometry and one-half unit in solid geometry. In case a student is admitted to this program without these prerequisites, it will be necessary for him to make up the deficiency without college credit.

It will be necessary, also, for the student to name the area of his special interest in engineering by the beginning of the second year in order that he may be guided or directed into proper electives. Some of the programs of engineering in which students may wish to specialize are: aeronautical, agricultural, architectural, ceramic, chemical, civil and sanitary, electrical, general, industrial, mechanical, metallurgical, mining, naval architecture, petroleum, etc.

Students interested in engineering are urged to consider a four-year program leading to the Bachelor's Degree with a major in math. For such a program, see the suggested curriculum on page 44.

### Suggested Curriculum for Pre-engineering

#### FRESHMAN YEAR

<i>Semester hours per semester:</i>		<i>1st</i>	<i>2nd</i>
English 1, 2	Communications .....	3	3
Mathematics 10	College Algebra .....	3	0
Mathematics 20	Trigonometry .....	3	0
Mathematics 30	Analytic Geometry .....	0	3
Mathematics 26	Advanced Algebra .....	0	3
Chemistry 1-2	General Chemistry .....	4	4
*Mathematics 23-24	Engineering Drawing .....	2	2
History 1, 2	Western Civilization .....	3	3
Phys. Ed. 1, 2	Health and Physical Education .....	1	1
		<hr/>	<hr/>
		19	19

#### SOPHOMORE YEAR

English 21, 22	Masterpieces of Literature .....	3	3
Mathematics 51, 52	Calculus I and II .....	3	3
Physics 51-52	General Physics .....	4	4
Economics 21-22	Principles of Economics or Directed Elective ...	3	3
Religion or Philosophy, and	Directed Elective .....	3	3
Phys. Ed. 21, 22	Health and Physical Education .....	1	1
		<hr/>	<hr/>
		17	17

\* A student may defer this course until the sophomore year.



### Suggested Curriculum for Secretarial Students

Students who complete this curriculum with grades averaging C or better will be granted a certificate. See the regulations under Secretarial Studies, page 64, governing credit in typewriting and shorthand. Those are permitted to omit the elementary courses in shorthand and typewriting must elect other courses, sufficient to make a total of sixty-four semester hours.

#### FRESHMAN YEAR

##### *Semester hours per semester: 1st*

English 1, 2 Communications .....	3
Religion 1 Introduction to Old Testament .....	3
Religion 2 Introduction to New Testament .....	0
Mathematics 3, 4 Mathematics of Finance .....	3
Secretarial Studies 5-6 Elementary Typewriting .....	2
Secretarial Studies 7-8 Elementary Shorthand .....	3
History 1, 2 Western Civilization .....	3
Phys. Ed. 1, 2 Health and Physical Education .....	1
	<hr/>

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#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3
Psychology 20 General Psychology .....	3
Secretarial Studies 21-22 Advanced Typewriting .....	2
Secretarial Studies 23-24 Advanced Shorthand .....	3
Secretarial Studies 25 Filing .....	2
Secretarial Studies 26 Secretarial Practice .....	0
Business 21-22 or Directed Elective .....	4
Secretarial Studies 62 Office Machines Practice .....	0
Phys. Ed. 21, 22 Health and Physical Education .....	1
	<hr/>

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### Suggested Curriculum for Church Leadership Training

Completion of this curriculum with grades averaging C or better will qualify one for a certificate granted by the Christian Education Commission of the Church of the Brethren and also by Bridgewater College. The total number of semester hours must be at least sixty-four.

#### FRESHMAN YEAR

##### *Semester hours per semester: 1st*

English 1, 2 Communications .....	3
Religion 1 Introduction to Old Testament .....	3
Religion 2 Introduction to New Testament .....	0
Psychology 20 General Psychology .....	3
Psychology 22 Psychology of Adjustment .....	0
Foreign Language or Directed Elective .....	3
History 1, 2 Western Civilization .....	3
Phys. Ed. 1, 2 Health and Physical Education .....	1
	<hr/>

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#### SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3
Foreign Language or Directed Elective .....	3
Religion 25 The Purpose and Program of the Church .....	3
Education 50 Educational Psychology .....	0
Psychology 51 Psychology of Human Development .....	3
Directed Electives .....	3
Phys. Ed. 21, 22 Health and Physical Education .....	1
	<hr/>

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## Suggested Curriculum for Pre-Nursing Students

This curriculum is suggested for those who wish to complete two years of college before entering a School of Nursing. Courses marked with an asterisk (\*) are offered in alternate years. The student should consult the Dean and his adviser with reference to adjustments, and adjustments may be necessary depending upon the school of nursing the student wishes to attend. The total number of semester hours must be at least sixty-four.

## FRESHMAN YEAR

	<i>Semester hours per semester:</i>	
	<i>1st</i>	<i>2nd</i>
English 1, 2 Communications .....	3	3
Mathematics 10 College Algebra .....	3	0
Chemistry 1-2 General Chemistry .....	4	4
Biology 7-8 General Biology .....	4	4
Phys. Ed. 50 Personal and Community Health .....	0	2
Psychology 20 General Psychology .....	0	3
Phys. Ed. 1, 2 Physical Education .....	1	1
	<hr/> 15	<hr/> 17

## SOPHOMORE YEAR

English 21, 22 Masterpieces of Literature .....	3	3
*Biology 53 Physiology or Directed Elective .....	3	0
*Biology 58 Microbiology .....	0	3
Home Ec. 58 Nutrition .....	0	4
History 1, 2 Western Civilization .....	3	3
Sociology .....	3	0
Directed Elective .....	3	3
Phys. Ed. 21, 22 Physical Education .....	1	1
	<hr/> 16	<hr/> 17

## NOTES CONCERNING THE VARIOUS CURRICULA PROVIDED

**Agriculture.** See the two year program designed for students agriculture on page 54.

**Business.** Curricula are provided in business administration, business education and secretarial studies. For these see pages 45, 48, and 56.

**Dentistry.** See the program for pre-medical students on page 49. While some students may be able to obtain admission to a school of dentistry with less than four years, a four year program leading to a degree is recommended. Students interested in such a program should consult a pre-medical adviser.

**Engineering.** See the two year program designed for students in engineering on page 55.

**Forestry.** See the suggested curriculum on page 53.

**Government Service.** There are many opportunities for government service, at home and in foreign countries. Students interested should pursue a curriculum leading to a baccalaureate degree. They should, also, seek the counsel of the Dean and their faculty adviser with reference to more suitable concentration of courses.

**Law.** See the four year curriculum leading to the B.A. Degree on page 41. Completion of this curriculum, provided a suitable area of concentration has been selected, qualifies one adequately for admission to a school of law. A student interested in this program should confer with the Dean of the College and his faculty adviser.

**Medicine.** See the curriculum for pre-medical students on page 42.

**Ministry.** See the four year curriculum leading to the B.A. Degree on page 41. Completion of this curriculum, provided a suitable concentration has been selected, qualifies one adequately for admission to a theological seminary. Students interested in this program should confer with the Dean of the College and their faculty adviser.

**Nursing.** See the curriculum for pre-nursing students on page 57.

**Pharmacy.** A student may take at least one year of pre-pharmacy work at Bridgewater and receive credit for it in a school of pharmacy. Such a program should consist of basic courses in English, chemistry and biology. Electives to fill out a one year program should be from such areas as history, psychology, modern languages, etc.

**Social Work.** A specific curriculum designed to train social workers is not suggested in this catalogue. However, the four year program leading to the B.A. Degree with a concentration in sociology and psychology would be reasonably satisfactory.

**Veterinary Medicine.** Three to four years of basic college work are generally required for admission to a school of veterinary medicine. The four-year curriculum leading to the B.A. Degree with a major in general science is suggested. See page 42.

**Teaching.** Programs suitable for the training of teachers are provided. For suggested curricula, see pages 46 to 52.

# COURSES OF INSTRUCTION

Freshman courses are numbered 1-19; sophomore courses 20-49; and junior and senior courses 50-100.

Courses having an odd number are offered in the first semester, those having an even number in the second; and those having a number ending in zero in both semesters.

Courses bearing a compound number (e. g., 1-2) are year courses, and no credit will be allowed for the completion of the work of one semester. Courses bearing a double number (e. g., 21, 22) are also year courses, but credit is allowed in semester units. In such courses, however, the work of the first semester may be prerequisite for the work of the second semester.

## Organization of the Courses of Instruction

The courses are organized in departments and divisions. The divisional organization is shown below. On the pages following this, the courses are listed by departments alphabetically. The teachers who teach in each department are also listed; the first named being the head of the department.

### DIVISION I—LANGUAGES, LITERATURE, AND ART

Chairman of the Division, Professor Andes

Art

English

Speech and Dramatics

Foreign Languages

French

German

Spanish

Music

Music Theory

Applied Music

### DIVISION II—NATURAL SCIENCES AND MATHEMATICS

Chairman of the Division, Professor Jopson

Biology

Related Course: Geology

Chemistry

Health and Physical Education

Home Economics

Mathematics

Physics

**DIVISION III—SOCIAL SCIENCES**

Chairman of the Division, Professor Willoughby

**Business and Economics**

Business  
Economics  
Secretarial Studies

**Education****History and Government**

History  
Government

**Philosophy and Religion**

Psychology  
Sociology

**ART**

MRS. GRAHAM

When there is sufficient demand to justify it, private instruction is offered in the various branches of art. The work offered includes oil, pastel, crayon, water color, china, and public school art.

**1, 2. General Drawing and Painting.** The course is designed for beginners. It will present the basic principles of design and color. Special tuition fee of \$20.00 per semester. *Each semester, one hour.*

**15. Art Appreciation.** This course aims primarily to give an understanding of and appreciation for the art of all ages. The main emphasis will be upon painting, but sculpture and architecture will be considered. The final part of the course will be devoted to art as it functions in modern life. *First semester, three hours.*

**68. Arts and Crafts.** Instruction is given in arts and crafts designed to meet the needs of elementary teachers and home makers. It is a laboratory course. *Second semester, two hours.*

**BIOLOGY**

MR. JOPSON

MISS SILLIMAN

**7-8. General Biology.** An introduction to the basic principles of biology and their applications in plants and animals. Two lectures, one discussion period and one three hour laboratory period per week. A course in chem-

istry at either the secondary school or college level, or General Physical Science, or two years of secondary school biology constitute a prerequisite for this course. This course is prerequisite to all other offerings of the department.  
*Each semester, four hours.*

21, 22. **Zoology.** Animal ecology, biology and systematics, with field and laboratory studies on the local fauna. Five hours of class work, laboratory and field trips per week.  
*Each semester, three hours.*

23. **General Botany.** The physiology and morphology of the higher plants. Two classes and two laboratories per week.  
*First semester, four hours.*

24. **Systematic Botany.** A review of the Plant Kingdom, and intensive field work on the spring flora of the Shenandoah Valley and adjacent areas. Two classes and two laboratories per week. *Second semester, four hours.*

51. **Plant Anatomy.** Advanced studies on plant structure. Two classes and two laboratories per week.  
*First semester, four hours.*

53. **Physiology.** A study of the structure and function of the organ systems of the animal body, with emphasis on the human organism, and of the relationship of structure to function. Material on cellular physiology is included. Three class meetings per week. *Alternate years; offered 1959-1960.*  
*First semester, three hours.*

55. **Genetics.** An introduction to the principles of biological inheritance. Required of all majors in the department. Three classes per week. *Alternate years; offered 1960-1961.*  
*First semester, three hours.*

58. **Microbiology.** A general course in bacteriology. Three class meetings per week. *Alternate years; offered 1960-1961.*  
*Second semester, three hours.*

61, 62. **Vertebrate Anatomy and Embryology.** A comparative study of the origin and structure of the organ systems of the vertebrate body. Two hours lecture and two three-hour laboratory periods per week.  
*Each semester, four hours.*

63, 64. **Special Topics and Research.** In consultation and with the approval of the department, advanced students may select subjects for study individually or in small groups. Such studies will generally be done in the areas of Ecology, Vertebrate Natural History, Genetics, and plant anatomy and taxonomy.  
*Each semester, two to four hours.*

## RELATED COURSES

## Geology

**21. General Geology.** A general consideration of the science: the position and structure of the earth, the forces acting upon it and the resulting surface features. Special reference is made to North America, and particularly the areas of Western Virginia. Three hours lecture; three hours laboratory or field trips. *First semester, four hours*

**22. Historical Geology.** This is basically a continuation of Geology 21. Prerequisite, Geology 21. Three hours lecture; three hours laboratory or field trips. *Second semester, four hours*

## BUSINESS AND ECONOMICS

MR. SMITH

MR. HUESTON

MRS. MAY

## BUSINESS

**21-22. Principles of Accounting.** First semester, accounting for a sole proprietorship, accounting cycle, journals, ledgers, working papers, preparation of financial and operating statements. Second semester, accounting for partnerships, corporations, analysis of financial statements and budgets. Prerequisite: Mathematics 3, 4. *Eight hours*

**51-52. Intermediate Accounting.** Preparation and analysis of specific financial statements, and an advanced treatment of accounting for corporations. *Six hours*

**53. Federal Tax Accounting.** Training in federal taxes and the federal tax structure. The application of basic principles to specific problems. *Alternate years; offered 1960-1961. First semester, three hours*

**54. Auditing.** Theory of auditing. The standards and ethics of the public accounting profession. *Alternate years; offered 1959-1960. Second semester, three hours*

**55. Cost Accounting.** A study of the principles of process and specific order cost accounting as applied to specific problems. *Alternate years; offered 1959-1960. First semester, three hours*

56. **Advanced Accounting.** The study of accounting for partnerships, consignments, insurance, and consolidated statements. Prerequisites: Business 21-22 and 51. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

57, 58. **Business Law.** A study of the fundamental principles of American law, contracts, negotiable instruments, agency, partnerships, corporations, and sales. Business 57 is a prerequisite for Business 58.

*Each semester, three hours.*

64. **Elements of Marketing.** A study of the principles, policies, and practices in the distribution of consumer goods. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

65. **Business Administration.** The principles of business functions, methods of production, plant and office management, and sales and personnel problems.

*First semester, three hours.*

66. **Economic History of the United States.** A study of the economic development of the United States from the early colonial period to the present. The growth of agriculture, manufacturing, transportation and trade together with the problems that came with their expansion will be emphasized. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

68. **Economic and Cultural Geography.** There is a survey of the development of agriculture, forestry, mining, industry, and trade of the world. The elements of the natural environment necessary for an understanding of the regional distribution of the economic activities and the relation between these elements and modern political boundaries are studied.

*Second semester, three hours.*

72. **Investments.** An evaluation of the investment characteristics of the various types of securities with some emphasis on life insurance. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

74. **Salesmanship.** A study of the underlying principles of selling with some emphasis on advertising. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

76. **Personnel Management.** An evaluation of the techniques and principles of personnel management. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*



## ECONOMICS

**Prerequisite:** Economics 21-22 is prerequisite to all other courses in economics.

**21-22. Principles of Economics.** A careful survey of the principles of economics. Certain current problems are studied in the light of these principles. *Six hours.*

**51. Labor Problems.** A survey of the history of the labor movement and labor organizations is followed by a study of some of the problems that have developed as a result of the wage system and the remedies that have been proposed. *First semester, three hours.*

**54. Public Finance.** The principles of public finance and taxation are studied as they apply to the national, state and local governments. *Second semester, three hours.*

**55. Money and Banking.** The history and theory of money and banking with special reference to the development of the monetary and banking system of the United States. *First semester, three hours.*

**56. Government and Business.** A study of the development of relations between government and business with special treatment of business relations to federal, state and local governments in recent times. *Second semester, three hours.*

## SECRETARIAL STUDIES

Credit on Elementary Typewriting and Elementary Shorthand will be allowed on the two year certificate course for secretaries described on page 56 but it will not be allowed on any of the degree programs. Credit on Advanced Typewriting and Advanced Shorthand will be allowed only on the two year certificate program and on the program leading to certification for teaching in business. See page 48.

**5-6. Elementary Typewriting.** A skill course leading to the mastery of the standard typewriter keyboard by touch. Practice in work for both personal and office use is included. The attainment of a minimum typewriting speed of thirty-five words per minute is required for the completion of this course. Three periods per week. *Each semester, no degree credit.*

**7-8. Elementary Shorthand.** A study of the fundamentals of shorthand presented in the Gregg manual. Intensive practice in the reading and writing of Gregg shorthand outlines. Ability to transcribe accurately material dictated at a minimum of sixty words per minute is required for the completion of this course. Three periods per week. *Each semester, no degree credit.*

**21-22. Advanced Typewriting.** A continuation of Elementary Typewriting with special emphasis on letter writing and office problems. The attainment of a minimum typewriting speed of fifty words per minute is required for the completion of this course. Three periods per week.

*Each semester, two hours.*

**23-24. Advanced Shorthand.** A continuation of Elementary Shorthand with special emphasis on the building of speed in writing through dictation at graduated speeds. Ability to accurately transcribe material dictated at a minimum of one hundred words per minute is required for the completion of this course. Three periods per week.

*Each semester, three hours.*

**25. Filing.** This course presents the basic fundamentals and broad general procedures common to all indexing and filing systems. Prerequisite: Typing.

*First semester, two hours.*

**26. Secretarial Practice.** This course offers a comprehensive treatment of secretarial duties that are performed in modern business offices. The student is enabled to deal intelligently and efficiently with everyday business problems through lectures, research assignments, job sheets, and laboratory exercises. Prerequisite: Typing and Shorthand.

*Second semester, three hours.*

**62. Office Machines Practice.** This course aims to develop an understanding of, and vocational competency in the use of modern office machines. Two double periods per week. Prerequisite: typing.

*Second semester, two hours.*

## CHEMISTRY

MR. HEISEY

MR. CLAGUE

MR. GROSSNICKLE

**Prerequisite:** Chemistry 1-2 is prerequisite to all other chemistry courses.

**1-2. General Chemistry.** A study of the basic principles of chemistry and of the properties of the common elements, plus a brief introduction to a number of the more specialized areas of chemistry, such as organic chemistry, nuclear chemistry, and biochemistry. Three hours lecture and recitation and one three-hour laboratory period per week. Prerequisite: Mathematics 10 prior to or concurrent with Chemistry 1.

*Eight hours.*

**21. Analytical Chemistry I.** Theory and practice of qualitative and quantitative analysis, with emphasis on problem solving. The class work consists of a study of structural and descriptive inorganic chemistry, em-

phasizing equilibrium and oxidation-reduction. The laboratory consists of semimicro qualitative analysis and elementary gravimetric and volumetric analysis. Two hours of lecture and a minimum of six hours of laboratory per week.

*First semester, four hours.*

**22. Analytical Chemistry II.** A continuation of Chemistry 21, with a more extensive study of the theories and details of analytical separations and determinations. The laboratory work consists of more difficult gravimetric determinations, redox volumetric analyses, and instrumental analyses. Prerequisite: Chemistry 21, or its equivalent. Two hours of lecture and a minimum of six hours of laboratory per week.

*Second semester, four hours.*

**51-52. Organic Chemistry.** An introduction to the theoretical, synthetic and practical aspects of the aliphatic, aromatic, alicyclic and heterocyclic organic compounds. Three hours lecture and a minimum of six hours of laboratory.

*Ten hours.*

**53, 54. Organic Chemistry.** A shorter course than Chemistry 51-52. The main emphasis is on the chemistry of aliphatic and aromatic compounds. Two hours lecture and six hours laboratory. Offered only in the summer session.

*Each semester, four hours.*

**55-56. Physical Chemistry.** A survey of theoretical chemistry from the standpoint of kinetic theory and the laws of the thermodynamics. The second half of the course deals with kinetics, conductance, ionic equilibria, etc. Three hours lecture and three hours laboratory each week. Prerequisites: Chemistry 21, 22, Mathematics 51, 52, and Physics 51-52.

*Eight hours.*

**61-62. Biochemistry.** The study of chemistry as related to organisms, including a discussion of general physicochemical aspects; the chemistry and metabolism of carbohydrates, proteins, lipids, nucleic acids, porphyrins, and minerals; and the chemistry and metabolic role of enzymes, vitamins, and hormones. This is followed by a consideration of specific systems, such as cells, animals, the human body, microorganisms, and plants. Three hours lecture and three hours laboratory each week. Prerequisites: Chemistry 21, 22, 51-52. Recommended: Biology 7-8, Chemistry 55-56. Offered on demand.

*Eight hours.*

**63. Organic Qualitative Analysis.** The methods and techniques of separating, purifying, and characterizing organic compounds. Included is the consideration of general approaches used for the determination of the structure of new organic substances. One hour lecture and a minimum of six hours laboratory each week. Prerequisites: Chemistry 21, 22, 51-52. Offered on demand.

*First semester, three hours.*

64. **Theoretical Inorganic Chemistry.** The study of the properties of the elements and the nature of their compounds as related to the position of the elements in the Periodic Table. This comprises chiefly a general discussion of the variations in atomic structure and the corresponding changes in physical and chemical properties and a fairly comprehensive survey of the elements. In addition, this course presents an integrated summarization of facts and principles from the various courses in chemistry. Three hours structure per week. Prerequisites: Chemistry 21, 22. Recommended: Chemistry 55-56. *Offered on demand.* *Second semester, three hours.*

67, 68. **Advanced Chemistry Seminar.** A discussion of topics of current interest and importance including the presentation of student papers, designed to acquaint the student with chemical literature and the present activities of the chemical world. Field trips are made to industries and research laboratories in the surrounding areas. The course is planned so that it may be taken in two successive years without duplication of material. One hour seminar each week. Prerequisites: sixteen semester hours of chemistry and concurrent enrollment in another chemistry course. *Each semester, one hour.*

## EDUCATION

MR. BOITNOTT

MRS. BOITNOTT

MR. WAMPLER

The chief function of this department is to provide the professional courses generally required for certification to teach in the public schools.

The completion of a liberal arts program leading to the bachelor's degree is the minimum training now required in nearly all states for certification to teach in the public schools. While the specific requirements for certification vary somewhat from state to state, every state has the following types of requirements: general requirements, general education requirements, professional education requirements, and concentration requirements. These requirements are outlined briefly for the State of Virginia. One who plans to teach in a state other than Virginia should plan his curriculum with the Dean of the College or a member of the education staff.

### General Requirements

1. Be a citizen of the United States, at least eighteen years of age and possess good moral character.
2. Show evidence of good health and no disqualifying physical or emotional handicaps.
3. Possess a baccalaureate degree.

### General Education Requirements

- English, 12 semester hours
- Social Science (including U. S. History), 12 semester hours
- Natural Science, 6 semester hours
- Mathematics, 6 semester hours
- Foreign language, Music and/or Art, 6 semester hours
- Health and Physical Education, 6 semester hours

While this pattern of general education is required of all applicants for certification to teach in the public schools, those who plan to teach in the elementary schools are required to take additional general courses as follows.

Children's Literature .....	3 semester hours
Advanced Grammar or Speech .....	3 semester hours
Economic Geography .....	3 semester hours
Art and Music .....	6 semester hours

### Professional Education Requirements\*

#### A. For High School Teachers

Educational Psychology .....	3 semester hours
Secondary Education .....	3 semester hours
Principles of High School Teaching .....	3 semester hours
Supervised Student Teaching .....	6 semester hours
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Total .....	15 semester hours

#### B. For Elementary School Teachers

Educational Psychology .....	3 semester hours
Curriculum and Teaching .....	3 semester hours
The Teaching of Reading .....	3 semester hours
Principles of Elementary School Teaching .....	3 semester hours
Supervised Student Teaching .....	6 semester hours
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Total .....	18 semester hours

### Concentration Requirements

#### A. For Elementary Teachers

While applicants for certification to teach in the elementary schools are required to possess the baccalaureate degree, they may choose whatever concentration of courses the college will permit.

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\* One preparing to teach music or vocational home economics has a different pattern of professional courses. The student should see the curricula for these departments as recorded elsewhere in the catalogue.

## B. For High School Teachers

One who wishes to teach in the public high schools in Virginia must meet one of the requirements listed below. However, one should be qualified in more than one department. See the Dean of the College or a member of the education staff for information about the details of these requirements or for information about requirements in other states.

Biology .....	16 semester hours
Business Education .....	45 semester hours
Chemistry .....	16 semester hours
English .....	24 semester hours
English and Speech .....	30 semester hours
English and Dramatics .....	30 semester hours
Foreign Languages .....	24 semester hours

A Second Foreign Language .....	18 semester hours
General Science .....	24 semester hours

At least three sciences must be included

Health and Physical Education .....	30 semester hours
History .....	18 semester hours
History and Social Sciences .....	30 semester hours
Social Sciences	
Geography .....	12 semester hours
Government .....	12 semester hours
Sociology .....	12 semester hours
Economics .....	12 semester hours
Home Economics, Vocational .....	45 semester hours
Mathematics .....	18 semester hours
Mechanical Drawing .....	6 semester hours
Music .....	30 semester hours

Performance, 15 semester hours

Basic Musical Knowledge, 15 semester hours

Physics .....	16 semester hours
Psychology .....	24 semester hours

**50. Educational Psychology.** A study of the application of psychological principles of development, learning, and adjustment to educational processes.

*Either semester, three hours.*

**53. Curriculum and Teaching.** Special emphasis is given to the curriculum and general techniques of teaching in the elementary school.

*First semester, three hours.*

**54. The Teaching of Reading.** A course in methods, techniques and materials used for teaching reading.

*Second semester, three hours.*

60. **Secondary Education.** A study of the aims, functions, program of studies, organization, modern practices, and trends in secondary schools.

*Either semester, three hours.*

70. **Principles of Elementary School Teaching.** Special emphasis is given to the practical problems of the beginning teacher.

*Either semester, three hours.*

80. **Principles of High School Teaching.** This is a course in techniques and methods of teaching and management in the high school.

*Either semester, three hours.*

90. **Supervised Teaching in the Elementary Grades.** A course providing special training for elementary teachers through instructional planning, individual and group observations, and practice teaching under supervision in the public elementary schools.

*Either semester, six hours.*

100. **Supervised High School Teaching.** This course includes individual and group observations in the public high school, instructional planning, and practice teaching under supervision.

*Either semester, six hours.*

The following courses will be offered upon sufficient demand and evidence of need.

63. **Special Methods in Teaching the Sciences.**

*Two semester hours.*

64. **Special Methods in Teaching the Social Studies.**

*Two semester hours.*

65. **Special Methods in Teaching English.**

*Two semester hours.*

66. **Special Methods in Teaching Mathematics.**

*Two semester hours.*

**Note:** Students in home economics and music education should refer to courses in the methods of teaching within those departments.

## ENGLISH

MR. MAY

MRS. GEISER

MISS THOMPSON

MR. WINFREY

1, 2. **Communications.** A course designed to develop reading proficiency and clear and effective speaking and writing, to introduce the study of literature and literary forms, to give training in research methods and the prepara-

ration of the research paper, and to provide elementary training in public speaking. (Entering freshmen who score among the upper twenty-five per cent for the nation on a standard proficiency English test may be excused from English 1. Freshmen so excused must take an advanced English course to meet the twelve-hour English requirement for graduation.)

*Each semester, three hours.*

**21, 22. Masterpieces of Literature.** A searching examination of the method and content of some of the classics of antiquity and modern times, including both intellectual and imaginative works.

*Each semester, three hours.*

**51, 52. Survey of English Literature.** A study of the more important works of English literature from *Beowulf* to modern times. Admission by consent of the instructor. *Alternate years; offered 1960-1961.*

*Each semester, three hours.*

**53, 54. Survey of American Literature.** A study of major American authors from colonial times to our own, with special emphasis on works reflecting aspects of our American heritage. *Alternate years; offered 1959-1960.*

*Each semester, three hours.*

**55. Shakespeare.** A careful study of selected plays of Shakespeare, together with supplementary reading in and reports on the Elizabethan age and its drama.

*First semester, three hours.*

**56. English Drama.** A detailed reading of the best English plays from the birth of the drama in English to the twentieth century, exclusive of Shakespeare. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

**English 57. Advanced English Grammar.** A thorough examination of current English grammar. Required of students preparing to teach English; suggested for others who need additional work in grammar.

*First semester, three hours.*

**58. English Novel.** A reading of the more important English and American novels from the eighteenth century to the present. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

**64. Literature for Children.** Extensive reading and study of the more important literature for children.

*Second semester, three hours.*

## SPEECH AND DRAMATICS

**20. Public Speaking I.** A study of the essentials of effective speaking and the basic principles of delivery and of speech composition.

*First semester, three hours.*



**22. Public Speaking II.** A continuation of Speech 21. Practice in writing and delivering various types of speeches. Prerequisite: Public Speaking 21. *Second semester, three hours.*

**52. Principles of Oral Interpretation.** Practice in the analysis and interpretation of written matter. An effort to gain the ability for passing on to others, by word of mouth, whatever is good and worth while in the field of literature. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

**54. Elements of Play Production.** Consideration of stage composition, picturization, rhythm, and pantomime. Practice in interpretation. Fundamentals of staging, lighting, and make-up. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

## FOREIGN LANGUAGES

MR. ANDES

MRS. ANDES

MR. KYGER

### FRENCH

**1-2. Elementary French.** During the first semester the emphasis is upon grammar, pronunciation, and composition. During the second semester the emphasis is upon conversation and reading of easy texts.

*Six hours.*

**21-22. Second Year French.** Rapid review of grammar, conversation, and intensive reading from standard French authors. Some contact is made with the major literary figures of France. Prerequisite: French 1-2, or two years of high school French.

*Six hours.*

**51, 52. Elementary Survey of French Literature.** Excerpts from the masterpieces of French literature are read and studied. Literary movements are covered in lectures and supplementary reading. Conducted partly in French. Prerequisite: French 21-22.

*Each semester, three hours.*

**53. French Drama.** Reading and study of representative plays from liturgical drama of the medieval period down through *Cyrano de Bergerac*. Molière, Racine, and Corneille are studied intensively. Conducted partly in French. Prerequisite: French 51, 52, or permission of the instructor. (Offered on demand.)

*First semester, three hours.*

**54. The French Novel.** Reading and study of the representative works of this genre, beginning with *L'Astrée* and ending with the novels of

Anatole France. Emphasis is given the nineteenth century writers, Stendhal, Balzac, Flaubert, Daudet, Zola, etc. Conducted partly in French. Prerequisite: French 51, 52, or permission of the instructor. (Offered on demand.)  
*Second semester, three hours.*

61, 62. **Independent Study in French Literature.** This course includes a research paper each semester and reading of assigned works. A regular examination will be given. Admission by permission of the dean and instructor.  
*Each semester, three hours.*

## GERMAN

1-2. **Elementary German.** A study of the essentials of German grammar with practice in pronunciation and in reading and writing German. Also, practice in speaking.  
*Six hours.*

21-22. **Second Year German.** Selected readings from representative classical and modern German authors. Review of grammar with practice in speaking and writing German.  
*Six hours.*

51, 52. **Advanced German.** Readings designed to give students experience in advanced literary, musical, or scientific German. Practice in spoken and written German.  
*Each semester, three hours.*

## SPANISH

1-2. **Elementary Spanish.** Grammar, composition, drill in pronunciation. Conversation, and reading of easy texts. Introduction to Hispanic Culture.  
*Six hours.*

21-22. **Second Year Spanish.** A review of grammar and composition, reading of Spanish prose, oral practice, discussion of Hispanic culture. Prerequisite: Spanish 1-2, or two years of high school Spanish.  
*Six hours.*

51, 52. **Advanced Spanish.** Conversation and readings from Spanish authors on a more advanced level. Outside readings. Prerequisite: Spanish 21-22.  
*Each semester, three hours.*

53, 54. **Survey of Spanish Literature.** Reading from the works of great Spanish writers chosen from various periods of literature. Conducted partly in Spanish. Prerequisite: Spanish 51, 52.  
*Each semester, three hours.*

61. **Spanish Romanticism.** Study of representative writers of this period of the nineteenth century, including Martinez de la Rosa, Espronceda, Garcia Gutierrez, Zorrilla, and the Duque de Rivas. Offered on demand. Prerequisite: Spanish 53, 54.  
*First semester, three hours.*

- 62. The Spanish Regional Novel.** A survey of the realistic and regional novels, including those of Pereda, Valera, Galdos and others. Prerequisite: Spanish 53, 54. Offered on demand. *Second semester, three hours.*

## HEALTH AND PHYSICAL EDUCATION

MR. GEISER

MR. GUNSTEN

MISS TANDY

- 1, 2. Health and Physical Education.** In this course suitable experiences in health and physical education for freshmen are provided. Three periods per week will be required—two of which will be by fixed schedule and one by appointment with the physical education staff.

*Each semester, one hour.*

- 21, 22. Health and Physical Education.** In this course suitable experiences in health and physical education for sophomores are provided. Three periods per week will be required, two of which will be by fixed schedule and one by appointment with the physical education staff.

*Each semester, one hour.*

- 50. Personal and Community Health.** A study of the problems of individual health and safety. Emphasis on good grooming and personality. A study of specific facts concerning health, communicable diseases, etc. Required of those who expect to teach in the public schools.

*Each semester, two hours.*

- 51. Principles of Physical Education.** The nature of physical education, especially in relation to overlapping fields and to education in general. Historical background. An analysis of the various objectives of physical education based on the principles of psychology and physiology.

*First semester, three hours.*

- 52. Curriculum in Health and Physical Education.** Deals with general class organization and administration and the techniques for conducting class. Discussion of activities included in the curriculum and the factors determining the selection of activities for the various grade levels. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

- 53. Organization and Administration of the School Health Program.** Administrative policies and conduct of the school health programs; community relationships, clinics, follow up service, physical examinations, state responsibilities and services of outside organizations. *Alternate years; offered 1959-1960.*

*First semester, two hours.*

54. **Safety.** Special attention to home, school, community, traffic and industrial safety. Includes driver education. *Alternate years; offered 1959-1960. Second semester, three hours.*
55. **Kinesiology.** A scientific background course with special emphasis on the architectural structure of the skeletal framework in relation to weight, support, balance, and movement, as well as physiological properties of muscle. *Alternate years; offered 1959-1960. First semester, three hours.*
56. **Methods and Materials in Health Education.** Various methods, procedures and techniques are presented and discussed in relation to their use in the health instruction program. Study of advanced health information. *Alternate years; offered 1959-1960. Second semester, two hours.*
57. **Individual and Dual Sports.** To acquaint the prospective teacher with the methods of teaching the basic minor sports, and to give an understanding of program construction and methods and materials for teaching on the elementary and secondary level. Two hours lecture and two hours laboratory. *Alternate years; offered 1960-1961. First semester, three hours.*
58. **Recreation.** The program of recreation in the home, school, church, youth and other community organizations. Practical work in social and recreational activities. Course designed for those who may wish to specialize in recreational leadership and with special emphasis on physical education activities and methods suitable for elementary school children. *Alternate years; offered 1960-1961. Second semester, three hours.*
62. **First Aid.** Fundamentals of administering first aid in all its aspects. A Red Cross first aid course. *Alternate years; offered 1959-1960. Second semester, one hour.*
64. **Teaching and Coaching Team Sports.** Considers the methods of teaching and controlling players. Emphasis on teaching the skill involved in major sports and on officiating; also on the strategy and designing of plays for the popular competitive sports. Two hours lecture and two hours laboratory. Separate courses for men and women. *Alternate years; men 1959-1960, women 1960-1961. Second semester, three hours.*

## HISTORY AND GOVERNMENT

MR. GLICK  
MR. AKERMAN  
MR. SAPPINGTON

### HISTORY

- 1, 2. **Western Civilization.** A study of the evolution of European Civilization, primary concern with the composite contribution of past cul-

tures to modern Western Culture. Special attention will be given to the Greco-Roman Ancient World, Feudalism and the Christian Church of the Middle Ages, Renaissance and Reformation, and conspicuous contributions and activities of Europe during the Modern Period.

*Each semester, three hours.*

**21, 22. American History.** The first semester is a study of the political and social history from the discovery of the Americas to the Civil War and its attendant problems. The second semester begins with the problems of the reconstruction era and continues with a study of the problems of the country to the present.

*Each semester, three hours.*

**51, 52. England and the British Empire.** England from the earliest times up to the formation of the British Commonwealth of Nations, and the far-reaching effect of English policies on the thought of the world.

*Each semester, three hours.*

**53. Latin America.** A study of the republics of Latin America, struggles for independence, races, social and economic problems, with trends and development since World War I. *Alternate years; offered 1959-1960.*

*First semester, three hours.*

**55. Europe Since 1870.** The events following the Franco-Prussian War and leading up to the First World War are studied. Special stress is placed upon the period of the First World War to the *present*. Cultural and economic factors as well as international and domestic, political and military history will be considered. *Alternate years; offered 1960-1961.*

*First semester, three hours.*

**57. History of Russia.** A study of political, social and diplomatic activities in the Russian sub-continent with special emphasis upon twentieth century developments. *Alternate years; offered 1960-1961.*

*First semester, three hours.*

**58. Far Eastern History.** A study of the development of the Oriental cultures from the earliest times to the present, with special emphasis on the impact of Modern Western Civilization upon the Far East. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

**59. Trans-Mississippi West.** A study of the exploration, settlement, and development of the region of the United States beyond the Mississippi. *Alternate years; offered 1959-1960.*

*First semester, three hours.*

**61. History of the South.** A comprehensive study of the agrarian planter system with its cultural, social, political aspects, and influence on American life. *Alternate years; offered 1960-1961.*

*First semester, three hours.*

62. **The United States in the Twentieth Century.** A detailed study of life in the United States since 1900 with emphasis on the social and intellectual aspects of the period. *Alternate years; offered 1960-1961.*  
*Second semester, three hours.*

63, 64. **History Seminar.** An advanced seminar offered by the members of the department primarily for history majors. The emphasis would be placed on more advanced work in history, including historiography and methods of historical research.  
*Each semester, one hour.*

## GOVERNMENT

21. **United States Government.** A study of the theories underlying the state, the formation of the Federal Union, the functions of departments and the duties as well as the relation of the several states to the Federal Government.  
*First semester, three hours.*

22. **State, City, and Rural Government.** The place of the states in the nation, their constitutions, problems of administration, departments, officials and their duties, and some present trends from states' rights to centralization.  
*Second semester, three hours.*

52. **American Political Parties.** A study of political parties and elections in the United States. *Alternate years; offered 1959-1960.*  
*Second semester, three hours.*

53. **Comparative Government.** A comparative analysis of the more important European governments of the current period. *Alternate years; offered 1959-1960.*  
*First semester, three hours.*

54. **American Foreign Relations.** A study of the development of American policies of foreign relations, treaties, commitments, and problems of international understanding. *Alternate years; offered 1959-1960.*  
*Second semester, three hours.*

## HOME ECONOMICS

MISS HOWE

MRS. HAYCOCK

It is the purpose of the college, through this department, to prepare young women to be builders of happy and healthful homes, to serve as practical dietitians, to pursue graduate courses in home economics, and for the special teacher's certificate in home economics.

**1. Textile Study.** A study of textile fibers, tests for identification, yarn and fabric construction; methods of finishing, characteristics, uses and economics of materials. One hour lecture, four hours laboratory.

*First semester, three hours.*

**2. Clothing Construction.** A study is made of factors influencing fashion; analysis of personality and figure as related to costume design; wardrobe planning and buying; commercial patterns and clothing construction. One hour lecture, four hours laboratory.

*Second semester, three hours.*

**4. Art and Design.** A general consideration of the principles of design, art, and color, with application in the fields of home decoration and clothing design. This course is a co-requisite of Home Economics 1, 2.

*Second semester, three hours.*

**21. Food for the Family.** A study of principles involved in food selection, preparation, and preservation.

*First semester, three hours.*

**52. Advanced Foods.** An application of basic cookery and nutrition principles to meal planning and preparation, units in demonstration techniques, and quantity cookery included. One hour lecture, four hours laboratory.

*Second semester, three hours.*

**54. Child Growth and Development.** A study of the development, care, and training of the infant and pre-school child. Special emphasis is given the importance of home relationship.

*Second semester, three hours.*

**56. Home Nursing.** Care of the sick, means of prevention of illness, and first aid.

*Second semester, two hours.*

**57. Economics of Family Living.** Using family income and resources to provide basic family needs; standards to use in the selecting of goods and services; consumer information that is reliable; planning for family security and well-being.

*First semester, two hours.*

**58. Nutrition.** This course aims to give the student the ability to construct adequate diets based on age, size, and occupation of the individual, and to offer a study of current problems in nutrition. The relationship of food selection to health and the development of habits of functional nutrition is emphasized. Three hours lecture and two hours laboratory per week.

*Second semester, four hours.*

**59. Home Management.** A study of those factors which contribute to the making of a scientific and efficient household. The budgeting of both time and money will be considered; the selection, use, and care of equipment, and the importance and use of leisure time.

*First semester, three hours.*

61. **Residence Home Management.** This period of residence serves as a laboratory for the application of the principles of household management, nutrition, food preparation and service, home decoration, and creative social living for family life. Eight weeks residence in Home Management House.  
*First semester, three hours.*
62. **House Planning and Furnishing.** A consideration of choice of site, house planning and architecture, interior decoration from the standpoint of backgrounds, window treatments, color schemes and the study of period furniture.  
*Second semester, three hours.*
63. **Special Methods in Home Economics.** This course includes a study of objectives, curriculum planning, special methods and techniques. Trends in secondary education are taken into consideration.  
*First semester, three hours.*
65. **Vocational Home Economics.** A study is made of the laws governing vocational home economics and its management, and vocational guidance. A study of problems involved in teaching home economics, organization and administration of vocational home economics programs in high schools, and the relation to state and national programs.  
*First semester, three hours.*
66. **Advanced Clothing.** Study of selection of wearing apparel and accessories. Original dress designing; patterns designed from foundation patterns are used in construction. Dresses and suits made of silk and wool. Remodeling. Three-hour laboratories.  
*Second semester, three hours.*
80. **Supervised High School Teaching.** (See Education 100, p. 67).

## MATHEMATICS

MR. SHULL

MRS. BOWMAN

MR. GLICK

MR. SHIVELY

- 3, 4. **Mathematics of Finance.** A study of algebra applied to commercial problems, the first semester treating simple interest and discount, the second semester such topics as compound interest, annuities and depreciation. Prerequisite: One unit of high school algebra and one other unit of mathematics. Math 3 or 10 is a prerequisite for Math 4. (Credit will not be allowed on both Mathematics 3 and 10.)  
*Each semester, three hours.*



- 10. College Algebra.** A review of elementary algebra, followed by a study of the usual topics of college algebra. Prerequisite: Two high school units of algebra, or by examination. *Either semester, three hours.*
- 12. Solid Geometry.** A study of solid geometry, including numerous practical problems. Prerequisite: Plane Geometry. *Second semester, three hours.*
- 20. Trigonometry.** The principles and application of plane and spherical trigonometry. Prerequisite: Plane Geometry and two high school units of algebra. *Either semester, three hours.*
- 23-24. Engineering Drawing.** Orthographic, isometric, and conventions of mechanical drawing are emphasized. Two two-hour periods per week. Prerequisite: Plane Geometry. *Four hours.*
- 26. Advanced Algebra.** Certain topics that are beyond the scope of introductory college algebra. Prerequisite: Mathematics 10. *Second semester, three hours.*
- 30. Analytic Geometry.** A brief course in analytic geometry of two dimensions. Prerequisite: Mathematics 20. *Either semester, three hours.*
- 51. Calculus I.** Devoted largely to differential calculus. Prerequisite: Mathematics 30. *First semester, three hours.*
- 52. Calculus II.** Devoted to integral calculus and differential equations. Prerequisite: Mathematics 51. *Second semester, three hours.*
- 53. Calculus III.** Advanced course in differential and integral calculus. Prerequisite: Mathematics 52. *First semester, three hours.*
- 54. Differential Equations.** Ordinary and partial differential equations. Prerequisite: Mathematics 52. *Second semester, three hours.*
- 56. Modern Geometry.** An advanced course in plane geometry. It gives the student a broader view and a better appreciation of the fundamentals of geometry. Prerequisites: Mathematics 10 and high school plane geometry. *Alternate years; offered 1960-1961.* *Second semester, three hours.*
- 57. Advanced Plane and Solid Analytic Geometry.** This course begins with the study of the properties of plane curves and is concluded with the study of geometry of space. Prerequisite: Mathematics 20, 30. *Alternate years; offered 1960-1961.* *First semester, three hours.*

58. **Surveying.** A study of the principles and methods of surveying with practical application in field work. Prerequisite: Mathematics 20. Lecture and laboratory. *Alternate years; offered 1960-1961.*

*Second semester, four hours.*

59. **Theory of Equations.** This course is devoted to the theory of equations beyond that found in the college algebra. Prerequisite: Math 52. *Alternate years; offered 1959-1960.*

*First semester, three hours.*

62. **Introduction to Statistics.** A study of the nature and importance of statistics in our complex society. Topics to be studied include statistical tables and graphs, uses of statistics, frequency and time distribution, central tendency, deviations, correlation and regression. Prerequisite: Math 10 or Math 3, 4.

*Second semester, three hours.*

64. **Advanced Calculus.** Among the topics included are: the real number system, convergence, continuity, partial differentiation, Riemann integration, multiple integrals, improper integrals, infinite series, power series, and series of functions.

*Second semester, three hours.*

## MUSIC

MR. HUFFMAN

MR. COLE

MISS COOL

MRS. STAUFFER

MR. TROUT

It is the purpose of the Department of Music to extend the cultural advantages of musical education to all students in order to develop an appreciation of good music and to cultivate skill in the various branches of musical art; to prepare private teachers and grade school and high school teachers and supervisors; to develop church musicians and ministers of music; to train concert and radio performers; to offer pre-conservatory courses; and to offer courses leading to the Bachelor of Arts Degree and the Bachelor of Science in Music Education Degree.

The curriculum leading to the degree, Bachelor of Science in Music Education, will prepare the student to teach or supervise music in elementary and high schools. For further information concerning this curriculum see pages 39 and 51.

The curriculum leading to the Bachelor of Arts Degree with a major in music may be pursued as a cultural objective, or as a pre-conservatory course, or as a preparation for private teaching. For further information concerning this curriculum see pages 33 and 41.

The student who pursues the curriculum leading to the Bachelor of Arts Degree with a major in applied music will be required to present a public recital at some time in the senior year.

## MUSIC THEORY

**1-2. Theory.** A study of terms, notation, meter and measure, scales, intervals, melody writing, primary and secondary chords and inversions, four-part writing, modulation to near-related keys, sight-singing, dictation and keyboard harmony. Five class hours per week.

*Each semester, four hours.*

**15, 16. Wind and Percussion Instruments.** A practical methods course in the teaching, playing techniques and care of the woodwind, brass and percussion instruments for use in the public schools.

*Each semester, two hours.*

**20. Music Appreciation.** Listening, with guidance, to masterpieces of music art. A study of the principles of appreciation, biographies of composers, historical backgrounds, and styles of composition. Types of music and musical structure are considered. There is some correlation of other fine arts with music.

*Either semester, two hours.*

**23-24. Advanced Theory, Form and Analysis.** A continuation of Music 2 with the addition of modulation to remote keys, chromatic alterations, non-harmonic tones, form and analysis of the larger forms of master compositions. Five class hours per week.

*Each semester, four hours.*

**51, 52. History and Literature of Music.** A chronological study of the development of musical styles and literature. Particular attention is given to the individual contributions of various composers. Compositions will be played illustrating the pre-classic, classic, romantic, and modern periods.

*Each semester, three hours.*

**56. Church Music.** A study of the entire field of church music with a view to the appreciation of its scope and importance. Hymnology receives considerable emphasis. Some skill is developed in creating worship services through the use of music, and in directing church music. This course will provide a practical background for an intelligent approach to church music and for efficiency in its administration.

*Second semester, two hours.*

**57. Music Methods in the Elementary School.** Selections and presentation of rote songs, the child voice in singing, problems of the score, creative activities, rhythmic training, and the listening program of grades one to six inclusive.

*First semester, three hours.*

58. **Music Methods in the High School.** Emphasis is placed on materials and techniques of teaching in the junior and senior high school. Evaluation of current methods in music education. Criteria for selection of materials and classroom procedure. *Second semester, three hours.*

59. **Instrumentation.** A study is made of the instruments of the orchestra and band as to their classification, range, fingering, tone-color, and their general use. The course provides for writing and arranging of music for solo instruments, ensembles, band and orchestra. *First semester, three hours.*

61. **Conducting.** This course includes both choral and instrumental conducting. A study is made of the elements of conducting, use of the baton, score reading, the organization of choruses and orchestras, the suitable materials for these organizations. *First semester, three hours.*

62. **String Instruments.** A practical methods course in the teaching and playing techniques of the string instruments for use in the public schools. *Alternate years; offered 1960-1961. Second semester, two hours.*

64. **Marching Band Technics.** Technics of drilling a marching band; analysis of materials for field and street maneuvers, fundamentals of baton twirling, 6-way scoring, organization, and preparation of band shows. *Alternate years; offered 1959-1960. Second semester, two hours.*

71. **Supervised Teaching in the Elementary School.** Supervised observations and teaching in the public elementary schools. *First semester, three hours.*

72. **Supervised Teaching in the High School.** Supervised observations and teaching in the public high schools. *Second semester, three hours.*

## APPLIED MUSIC

Students should report promptly at the scheduled hour for lessons in Applied Music. Teachers are not obligated to make up private lessons unless they are notified in advance of the scheduled hour. Students should not request a change of lesson hour except in cases of emergency.

**Piano.** Students of piano will be accepted at any time and at any stage of progress, and will be advanced as rapidly as consistent with thoroughness. Students will be given a thorough foundation in technical mastery of the instrument, and will study a wide range of compositions including the Classic, Romantic and Modern works. The course of study will be made practical and adapted to the needs of the student and integrated with his program of studies as a whole.

One or two half-hour private lessons and a minimum of five or ten hours practice per week. *Each semester, one or two hours.*

**Voice.** The grade of work in voice training and solo singing as in piano study is adapted to individual needs, and students are advanced as rapidly as their progress will permit. Even though the student possesses a naturally good voice, training is necessary, to develop the voice to its highest efficiency and to enable the singer to interpret the masterpieces of song and literature with musical intelligence and authority. Throughout the course emphasis will be placed on pure vowels, range and power, diction, pleasing quality, correct breathing, and ease of production. From the beginning, songs will be studied to insure taste and refinement in the singer, and to develop those emotional, imaginative, and intellectual qualities of the personality which are so essential to a fine interpretative ability.

One or two half-hour private lessons and a minimum of five or ten hours practice per week. *Each semester, one or two hours.*

**String, Wind and Percussion Instruments.** Instruction is offered in standard string, wind and percussion instruments. Studies are advanced as rapidly as their progress will permit.

One or two half-hour private lessons and a minimum of five or ten hours practice per week. *Each semester, one or two hours.*

**Pipe Organ.** Instruction in pipe and electric organs provides a thorough foundation for the training of the church and concert organist, as well as contributing to a well rounded musical education for the student. Students beginning the study of the organ should be able to play Bach Two-part Inventions or should have the equivalent of five years' study in piano.

One or two half-hour private lessons and a minimum of five or ten hours practice per week. *Each semester, one or two hours.*

## NATURAL SCIENCE

MR. CLAGUE

MR. HEISEY

**3, 4. General Physical Science.** A course designed to help the student appreciate and understand his physical environment and the methods of physical science. Topics for discussion are selected from the fields of astronomy, chemistry, geology and physics. Three lectures and one laboratory per week. *Eight hours.*

## PHILOSOPHY AND RELIGION

MR. WILLOUGHBY

MR. DAVIS

MR. METZLER

### PHILOSOPHY

**21. Introduction to Philosophy.** This course is designed to help the student think through the problems of life and destiny as he searches for a comprehensive world view and a philosophy of life.

*First semester, three hours.*

**22. Introduction to Ethics.** A study of various systems of ethical theory, the basis of moral conduct, and the application of ethical principles to personal and social problems.

*Second semester, three hours.*

**23. Logic.** An introduction to critical thinking comprising the study of the laws of thought and of the processes of reasoning, including the deductive and the inductive methods.

*First semester, three hours.*

**51. History of Philosophy.** Ancient and medieval philosophy. An attempt is made to understand the contributions of major philosophers from Thales to St. Thomas through the reading of selections from their works.

*First semester, three hours.*

**52. History of Philosophy.** A history of modern philosophy from Francis Bacon to Schopenhauer with special emphasis on selected readings.

*Second semester, three hours.*

**54. Philosophy of Religion.** This course is a philosophic analysis of religious claims and problems. Selections are read from representative writers in the field.

*Second semester, three hours.*

**57. Contemporary Philosophy.** An "honors course" that provides an opportunity for reading in current and recent philosophical writings. Prerequisite: Permission. *Alternate years; offered 1960-1961.*

*First semester, three hours.*

**58. Seminar in Aesthetics.** An inquiry into theories of beauty and standards of criticism. Prerequisite: Permission of instructor. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

**62. Seminar in Philosophy of Science.** A review of the history of science, an exploratory survey of new frontiers in scientific theory and knowledge, and a philosophic examination of the scope and limitations of science. Primarily for science and philosophy majors. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

## RELIGION

Prerequisite: Either Religion 1, 2 or Religion 2 is prerequisite to all other courses in the field.

**1. Introduction to Old Testament.** A general introductory course designed to provide basic orientation regarding the character and development of the Old Testament faith and literature.

*First semester, three hours.*

**2. Introduction to New Testament.** A study of the historical events and faith that gave rise to Christianity as reflected in the Synoptic Gospels and the Acts of the Apostles. This course includes an analysis of the life and teachings of Christ and of the Apostle Paul, and a brief introduction to the literature of the New Testament.

*Second semester, three hours.*

**24. Introduction to Christian Theology.** A survey course in the basic Christian doctrines; designed for the general student who seeks the "why" and the content of Christian belief. Readings and papers will be assigned to aid the student in the development of a personal theology.

*Second semester, three hours.*

**25. Purpose and Program of the Church.** This course will progress from a study of the basic character and purpose of the Church through a survey of some of the great achievements of the Church in history to an examination of the local church program as necessary machinery for the fulfilling of the Church's high purpose.

*First semester, three hours.*

**51. Old Testament Interpretation.** Principles and methods of Biblical interpretation, as illustrated through a study of selected Old Testament writings. Selections will be made from prophetic literature, poetic and wisdom literature, short stories, apocalyptic literature and Old Testament law codes.

*First semester, three hours.*

**52. New Testament Interpretation.** Principles and methods of Biblical interpretation, as illustrated through a study of selected New Testament writings. Selections will be made from the Pauline letters, Johannine writings, Hebrews, James, letters of Peter and Jude, and Revelation.

*Second semester, three hours.*

**56. Religions of the World.** This course is a study of the great religions of the world with a view of understanding the main teachings of each and the contributions that these teachings made to the civilizations in which they flourished. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

57. **History of the Church of the Brethren.** A study of the history of the Church of the Brethren from its beginning to the present day. An emphasis will be laid upon understanding the church today in the light of its historical development. Attention will be paid to Brethren doctrine and ideals. *Alternate years; offered 1959-1960.*

*First semester, three hours.*

58. **Church History.** A survey of the history of the Christian church to the present time. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

61. **Biblical Theology.** A study of some basic religious concepts of the Bible carried through the Old and New Testaments. An effort will be made to gain an appreciation for the Bible as a theological unit by studying it as the interpreted record of God's activity in history and man's response.

*First semester, three hours.*

62. **Seminar in Contemporary Theology.** This course provides opportunity for advanced students to study selected theological writings from the contemporary period. *Alternate years; offered 1959-1960.* Prerequisite: consent of the instructor.

*Second semester, three hours.*

63. **Christian Classics.** This course is designed to introduce the student to some classical expressions of Christian thought. Readings will be taken from the ecumenical creeds, representative church theologians, and selected devotional writers. *Alternate years; offered 1960-1961.*

*First semester, three hours.*

66. **Children's Division of the Church.** A study of the principles of organizing and administering the children's division of the church. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

68. **Youth Division of the Church.** A study of the principles of organizing and administering the youth division of the church. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

## PHYSICS

MR. ULRICH

51-52. **General Physics.** In the first semester a study of mechanics, properties of matter, heat, and sound; in the second semester a study of light, electricity, and magnetism. Prerequisite: A working knowledge of trigonometry. Three hours lecture, three hours laboratory. *Eight hours.*



**53, 54. Mechanics.** Statics and dynamics of a particle, motion of system of particles, mechanics of a rigid body, and oscillations of a dynamical system are studied. Prerequisites: Mathematics 51, 52 and Physics 51-52. *Each semester, three hours.*

**55, 56. Experimental Physics.** Deals with more refined and advanced methods of physics than Physics 51-52. Six hours laboratory. *Alternate years; offered 1960-1961. Each semester, two hours.*

**57. Heat and Kinetic Theory.** This course is designed to give the student a more complete conception of the fundamental principles. Prerequisites: Physics 51-52, Mathematics 51, 52. *Alternate years; offered 1959-1960. First semester, three hours.*

**62. Electricity and Magnetism.** A survey of electricity and magnetism of a more advanced nature than is considered in Physics 51-52. Three hours lecture and three hours laboratory per week. Prerequisites: Mathematics 51, 52 and Physics 51-52. *Alternate years; offered 1959-1960. Second semester, four hours.*

**64. Optics.** A study of geometrical and physical optics, including nature and propagation of light, compound optical systems, interference, diffraction, and polarization. Prerequisites: Mathematics 51, 52 and Physics 51-52. *Alternate years; offered 1960-1961. Second semester, three hours.*

**65. Atomic Physics.** After a brief review of electricity and magnetism, the following topics are studied: elementary atomic particles, electromagnetic radiation, X-rays, wave-particle dualism, and optical and X-ray spectra. Prerequisites: Mathematics 51, 52 and Physics 51-52. *Alternate years; offered 1960-1961. First semester, three hours.*

## PSYCHOLOGY

MR. KENT

**Prerequisite:** Psychology 20 is prerequisite to all other courses in psychology.

**20. General Psychology.** An introduction to the science of behavior. Emphasis is placed upon the understanding of human behavior in terms of sensation, perception, motivation, emotion, maturation, intelligence, and the learning processes. A prerequisite to all courses in psychology. *Either semester, three hours.*

**22. Psychology of Adjustment.** A study of normal human adjustment and emotional maturity in terms of motivation, emotion, and personality.

Major emphasis is placed on the understanding of one's own adjustment and mental health. A recommended second course in psychology.

*Second semester, three hours.*

50. **Educational Psychology.** See Education 50.

51. **Psychology of Human Development.** A study of physical growth and psychological development occurring through human life—childhood, adolescence, maturity, and senescence.

*First semester, three hours.*

52. **Psychometrics.** A study of quantitative methods needed in psychology, psychophysical methods, scaling methods, correlation and test methods, and simple statistical evaluative methods.

*Second semester, three hours.*

54. **Measurements and Guidance.** Major emphasis will be placed on principles of organizing and administering a program of guidance in the public schools, especially the high school. Attention will also be given to tests and measurements as they relate to the guidance process. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

57. **Abnormal Psychology.** A study of the symptoms, dynamics, treatment, and prognosis of the various forms of behavior pathology. Prerequisite: Psychology of Adjustment or by permission.

*First semester, three hours.*

59. **Psychology of Human Relations.** A study of the understanding, prediction, and control of human behavior as applied to interpersonal relationships in small groups, committees, class room, business and industry. *Alternate years; offered 1960-1961.*

*First semester, three hours.*

62. **Experimental Psychology.** An introduction to scientific methods of investigation as applied in the psychological laboratory. Emphasis is placed upon both methodology and material content. Three hours of lecture, two hours of laboratory per week. Prerequisite: Permission of instructor. *Alternate years; offered 1960-1961.*

*Second semester, four hours.*

64 and 66. **Seminar in Psychology.** A course providing special study and discussion in psychological theory for advanced students. Prerequisite: Permission of instructor.

*Second semester, three hours.*

65. **Social Psychology.** A psychological analysis of the individual's behavior in social groups. *Alternate years; offered 1959-1960.*

*First semester, three hours.*

70. **Special Problems in Psychology.** A study of special problems involving individual research and a written thesis. Provided for majors only.

*Either semester, three hours.*

## SOCIOLOGY

MR. BARNETT

**Prerequisite:** Sociology 20 is a prerequisite to all other courses except Marriage and Family Life.

**20. Principles of Sociology.** Introductory course. This one-semester course is a study of the significance of the group concept in better understanding human behavior. Included are considerations of culture, personality, social structure, institutions, the community, collective behavior, and social change. *Either semester, three hours.*

**30. Marriage and Family Life.** A study of the sociological, psychological, biological and economic factors affecting the family. Courtship, choice of mate, engagement, adjustment in marriage, relation of home and church, and among the topics discussed. *Either semester, three hours.*

**51. Social Problems.** A study of major social problems in America, such as poverty, mental illness, racial and class conflicts. Examination is made of proposals for solution and treatment. *Alternate years; offered 1960-1961. First semester, three hours.*

**53. Criminology.** A study of crime as a social phenomenon with particular attention to causes and treatment of crime. *Alternate years; offered 1959-1960. First semester, three hours.*

**54. The Community.** This course applies the sociological point of view to interpret American community behavior in terms of fundamental, underlying principles of universal validity which have application for behavior in both urban and rural community. The behavior of selected communities will be analyzed in terms of the principles developed in this course. *Alternate years; offered 1959-1960. Second semester, three hours.*

**55. Social Work.** An introductory course in the field of social work designed especially for students interested in the various forms of social services. *Alternate years; offered 1959-1960. First semester, three hours.*

**56. Elementary Research Methods.** This course is designed to give the student some familiarity with research methods in social science. A limited research project will be undertaken to provide opportunity for application. *Alternate years; offered 1960-1961. Second semester, three hours.*

**58. Sociological Theory.** The aims of this course are to acquaint the student with the conceptual development of sociological thought; to examine

the relationship between theory and empirical research; and to emphasize the practical value of theory. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

61. **Seminar in Sociology.** An opportunity is provided the student to study in some area in the field of sociology which is presently not offered as a formal and established course in the department. Thus, the area to be studied may vary each time this course is offered, depending upon the interests of students and professor. *Alternate years; offered 1960-1961.*

*First semester, three hours.*

62. **Human Relations in Administration.** The purpose of this course is to set forth and apply a system of principles which has a very practical application in the understanding, prediction, and control of human behavior in any type of group, but placing emphasis on application to human relations in the economic world especially. *Alternate years; offered 1960-1961.*

*Second semester, three hours.*

64. **Minority Group Relations.** The results of long years of investigation by the anthropologist, sociologist, social psychologist, economist, and historian will be presented to provide insights into a problem which is not only racial and ethnic but socio-cultural, economic, and historical as well. *Alternate years; offered 1959-1960.*

*Second semester, three hours.*

# FINANCIAL INFORMATION

## STUDENT EXPENSES

It is the aim of Bridgewater College to keep expenses to the lowest possible figure consistent with superior quality in education. In view of economic uncertainties the college reserves the right to make any reasonable alteration in charges.

Student expenses are calculated on the basis of one inclusive fee covering all costs which are generally assessable to all students. For special or irregular cases certain additional costs will be added as outlined in this catalogue.

### INCLUSIVE FEE

	<i>Tuition and Fees</i>	<i>Board</i>	<i>Room</i>	<i>Total for Session</i>
Boarding Students .....	\$675.00	\$315.00	\$170.00	\$1160.00
Day Students .....	675.00	—	—	675.00

The "Inclusive Fee" covers the cost of tuition for all curricula programs as outlined in this catalogue, registration fee, student activity fee, library fee, medical fee, physical education fee, accident insurance and all laboratory fees. For boarding students the cost of room and board is also included except for special rooming conditions.

### SCHEDULE OF PAYMENTS

	<i>Boarding Students</i>	<i>Day Students</i>
Room Reservation—Before July 1, 1959 .....	\$ 50.00	—
First Payment—On Registration Day .....	\$300.00	\$200.00
Second Payment—November 15, 1959 .....	230.00*	137.50*
Third Payment—February 8, 1960 .....	350.00	200.00
Fourth Payment—April 1, 1960 .....	230.00*	137.50*

\* The second and fourth payments may differ from the amounts quoted above inasmuch as all credits allowed for scholarships, grants or earnings from work will be deducted from these amounts. Likewise all additional charges for private instruction in music or art, adjustments in rooming conditions or any other special charges will be added to the second and fourth payments. Itemized accounts for all students will be distributed at least two weeks before the second and fourth payment dates. All scholarships and grants will be distributed on the basis of one-third in the first semester and two-thirds in the second semester.

All resident students will be required to make a room deposit of \$50.00 not later than July 1 in order to hold a reservation. While upperclassmen may make a choice of a room in the spring, the reservation will be can-

called on July 1 if the fee has not been paid. The deposit will not be refunded if the student withdraws after July 1 except for reasons beyond the student's control. Moreover, the deposit will not be refunded if the student elects to become a day student. A resident student who is admitted after July 1 must make the room deposit within ten days following the date of admission. This deposit will apply to the room expense for the first semester.

All unpaid accounts become delinquent after 90 days from registration and are subject to a service fee charge. A student whose account is outstanding at the close of the semester will not be eligible for final examinations until satisfactory arrangements have been made with the treasurer of the college.

Students who cannot conform to the above schedule may work out a special plan of payments with the treasurer of the college prior to registration. A service fee of \$5.00 per semester will be charged for special handling of accounts.

## REFUNDS AND ADJUSTMENTS

The college regards the registration of a student as a contractual agreement for the semester, and after a period of two weeks following registration no claims for refunds caused by withdrawal from classes or from college will be recognized. Except in cases where withdrawal is due to protracted illness or required by Selective Service, an adjustment on board may be made upon request of the student. The Finance Committee of the College will be the final authority in the approval of claims and adjustments. No refunds will be made when a student is suspended or dismissed from college.

## SPECIAL AND OCCASIONAL FEES

The "Inclusive Fee" covers all costs which are uniformly assessable to all students. There are however some fees which apply only in special cases and are thereby charged only to those students receiving the benefits.

**An Admission Fee** of \$10.00 is required of each new student applying for admission to the college. This fee must accompany the application blank for admission. It is non-refundable except in cases where admission is not granted.

**A Graduation Fee** of \$10.00 is payable on March 15 prior to graduation. It covers the cost of diploma and the rental of academic costume. Of this fee, \$1.00 is refunded to the student when the academic costume is returned following graduation ceremonies. Students receiving certificates will be charged a fee of \$3.00.

**A Late Registration Fee** of \$5.00 will be charged a student who fails to register during the announced registration period. This fee may be waived by the dean of the college in cases of illness or other emergency.

**A Re-Examination Fee** of \$1.00 is charged for each subject in which a student is re-examined. A receipt from the Office of the Treasurer will be necessary before the examination is administered.

**A Transcript Fee** of \$1.00 will be charged for each single transcript subsequent to the first one issued. When more than one transcript is needed the additional copies made in one process, may be secured at a cost of 25¢ each.

**Special Rooming Charges** of \$15.00 per semester will be made when a student is permitted to room alone. Students occupying rooms with private or connecting bath will be charged \$10.00 per semester in addition to the regular charge covered in the Inclusive Fee. \$10.00 per semester will be deducted from the room fee when three students occupy a room.

**Home Management House** charge for day students will be \$120.00 to cover the cost of room and board for an 8 week period.

**All Extra Hours** above the outlined curricula program will be regarded as an overload. A charge of \$14.00 per semester hour will be made on overload cases, unless exemption is made by the dean of the college.

**A Key Deposit** of \$1.00 will be required for each key issued to a student. The deposit will be refunded when the key is returned to the Office of the Treasurer by the person making the deposit. All keys must be returned at the end of the school session.

Day students enrolling for less than 12 semester hours will be classified as **Special Students** and will be charged on the basis of \$25.00 per semester hour. A registration fee of \$5.00 per semester will be required for each special student. Students under this classification are ineligible for student activity participation and may not receive scholarship aid from the college.

**An Audition Fee** of \$12.50 per semester hour will be charged to students who are permitted by the dean of the college to audit courses.

**Laboratory Breakage Deposits** will be charged to students enrolled in courses in chemistry. Refunds will be made at the close of the session on unused balances. The amounts of the deposits will be as follows:

General Chemistry .....	\$2.00 per semester
Analytical Chemistry I and II .....	5.00 per semester

Organic Chemistry .....	7.00 per semester
Physical Chemistry .....	5.00 per semester
Bio-Chemistry .....	7.00 per semester
Organic Qualitative Analysis .....	5.00 per semester

### PRIVATE INSTRUCTION

When students are enrolled in the Music Education Course, or if a junior or senior student enrolled in B.A. with Music as a major, or a senior enrolled in B.A. with Music as a minor, the cost of instruction of applied music will be covered in the Inclusive Fee when the prescribed hours for that curriculum are not exceeded. However, not more than two hours per semester of Applied Music will be permitted under the Inclusive Fee. Organ rental will be charged to all students as outlined below. Rates for private instruction for all other students will be charged as scheduled below:

* Piano, Voice, String and Wind Instruments:	Per semester
One lesson per week .....	\$ 30.00
Two lessons per week .....	50.00
Pipe Organ, one lesson per week .....	30.00
Piano rental, one hour per day .....	3.00
Organ rental, five hours weekly .....	23.00
Musical instruments .....	3.00-5.00
Art Course, General drawing and painting .....	20.00
* A special rate is offered children up through the seventh grade who enroll for piano in the college music department .....	25.00

### MISCELLANEOUS BUSINESS INFORMATION

**Guests**—The college rates are very moderate and do not include guest privileges. The guests of students may be accommodated in college quarters for a limited time by special arrangement for a modest fee. The prevailing guest rates for meals will be charged at the dining room. All visitors at the college will be expected to pay for meals taken in the dining room unless they are issued complimentary tickets by some official of the college.

**College Bookstore**—All necessary books and supplies are stocked by the bookstore which is located in Memorial Hall. The bookstore operates strictly on a cash basis and each student should figure approximately \$60.00 for the school year for required books and supplies. The cost for Freshmen and Sophomores will be approximately three-fourths of this amount in the first semester.

**Snack Shop**—The college operates a snack shop on the campus to provide sandwiches and refreshments to students and faculty. No other group of students is permitted to sell refreshments on the campus without a permit from the business office of the college.



**College Infirmary**—The infirmary is under the general supervision of the college nurse, whose services are available to all students. Students who pay the inclusive fee also receive the services of the college doctor in cases of common illness. Medical services for Day Students will be restricted to hours on campus. When special treatments or prescriptions are needed the students will be expected to pay for same.

**Dining Hall Closed Over Holidays**—The college will close the dining hall over Thanksgiving, Christmas and Spring vacations. The first meal to be served after each vacation will be the evening meal prior to the day on which classes are resumed.

**Sales Representatives** are not permitted to make solicitations in the dormitories except upon permission of the Administration. Students acting as sales representatives must secure a permit from the business office.

**Summer School**—An eight week summer session will be offered beginning June 15, 1959, and closing August 8, 1959. The rates for Summer School will be calculated on the following schedule:

Tuition .....	\$15.00	per semester hour
Board .....	80.00	
Room .....	32.00	
Student Activity Fee .....	2.50	
Registration Fee .....	5.00	
Library Fee .....	5.00	
Laboratory Fees (See Summer School catalogue)		
Private Instruction (See Summer School catalogue)		
Medical Fee (for resident students) .....	2.50	
Maintenance Fee (for non-resident students) ..	2.50	

## SCHOLARSHIPS AND GRANTS IN AID

Bridgewater College provides a limited number of scholarships and grants-in-aid as described below. While potentiality for success is a requisite for all types of aid, the foremost requisite is financial need. Each applicant for aid is required to file a written application and to meet the requirements as outlined below.

1. **Honor Scholarships.** The College will grant five honor scholarships per year worth \$1000.00, available as follows: \$300.00 in the freshman year, \$300.00 in the sophomore year, \$200.00 in the junior year, and \$200.00 in the senior year.

These scholarships are competitive and only five will be awarded each year. The winners will be those applicants who show the better qualifications, but each winner must meet the following minimum requirements:

1. Rank in the upper ten per cent of the high school or secondary school graduating class.
2. Rank in the upper ten per cent on a general aptitude test such as the American Council on Education Psychological Examination. (National college freshman norms.) The examination will be administered at the college.
3. Satisfactory health, character, and personality.
4. A four year educational objective at Bridgewater College.

**Procedure:** A written application must be submitted along with an application for admission prior to May 1. Upon receipt of the application, the College will gather the required information and notify the winners not later than June 1. A new application will not be required for the second, third, and fourth years, but superior academic and citizenship records must be maintained throughout.

2. **Merit Scholarships.** The College will grant a limited number of scholarships each year worth \$600.00, available as follows: \$200.00 in the freshman year, \$200.00 in the sophomore year, \$100.00 in the junior year and \$100.00 in the senior year.

The requirements are as follows:

1. Rank in the upper twenty-five per cent of the applicant's high school or secondary school graduating class. (This rank may be based on the work completed in seven semesters.)
2. Rank in the upper twenty-five per cent on a general aptitude test such as the American Council on Education Psychological Examination. (National college freshman norms.) The examination will be administered at the college.
3. Satisfactory health, character, and personality.
4. Clear and convincing evidence of need.
5. An objective requiring four years of college.

**Procedure:**

The freshman applicant must file a written application on a form provided by the college simultaneously with the application for admission. A new application will not be required for the second, third, and fourth years, but satisfactory academic and citizenship records must be maintained throughout.

3. **Junior College Scholarships**—The college will grant a limited number of scholarships worth \$100 each to graduates of accredited junior colleges who can qualify by the four standards for freshman scholarships listed above.

**Procedure:** The applicant will file a written application on a form provided by the college. It should be filed simultaneously with the application for admission.

4. **Maryland Scholarships**—The income from the Blue Ridge College Fund, amounting to approximately \$1800 per year, is available for scholarships for students from Maryland provided they are members of the Church of the Brethren and provided they need financial assistance. The amount of each scholarship varies depending on need. Applications from freshmen will be considered first. In case funds are available after all freshmen applicants have been considered, upperclassmen will be eligible provided evidence of need is presented.

**Procedure:** Freshmen applicants will file a written application on a form provided by the college. It should be filed simultaneously with the application for admission or not later than August 1. Upper-class applicants must file in May. However, their applications will not be acted upon until August 1 or later.

5. **Foreign Student Scholarship**—The college offers five scholarships each year to students from foreign countries. These scholarships cover the amount of tuition not to exceed \$350 for a regular session. The scholarship is renewable each year provided the applicant's achievement is satisfactory.

**Procedure:** A written application must be filed simultaneously with the application for admission and renewed for each ensuing year by May 1.

6. **Science Talent Search Scholarships**—The first three State winners to apply are eligible for a \$200 scholarship. The first three who received honorable mention to apply are eligible for a \$100 scholarship.

**Procedure:** A written application containing proof of the honor must be filed simultaneously with the application for admission.

7. **Ministerial Scholarships**—The college offers to all student ministers of junior or senior classification who are licensed or ordained, or otherwise committed to definite ministerial service, a scholarship valued at \$100 for each year.

**Procedure:** A written application on a form provided by the college should be filed in May.

8. **Scholarships for Children of Ministers and Missionaries**—The children of active pastors or those giving full time are eligible for a scholarship worth \$50 per year provided there is evidence of need. The

children of missionaries are eligible for a scholarship worth \$100 per year.

**Procedure:** A written application on a form provided by the college should be filed with application for admission or in May.

9. **Alumni Scholarship**—Each year the Alumni Association will award a scholarship valued at \$100 to a senior who possesses high academic achievement, good citizenship, and general merit.

**Procedure:** This student will be selected by the faculty from a list of nominees supplied from an alumni-student committee appointed each year by the president of the Alumni Association.

10. **Christian Vocation Scholarship**—Each year Mr. and Mrs. Raymond Richards of Roanoke will award a scholarship valued at \$100 to a capable and deserving upperclass student who is preparing for full-time church service and who has excelled in progress toward this goal in the previous year.

**Procedure:** The Religious Life Committee of the college will nominate a candidate each spring. The nominee will be confirmed by the Scholarship Committee.

11. **Augusta County Scholarship**—This scholarship has a value of \$200.00 per year. It is derived from an endowed fund provided in 1954 by the Augusta County Alumni Chapter and will be awarded to a qualified applicant from Augusta County, Waynesboro or Staunton. The recipient must present evidence of good character and of financial need.

**Procedure:** A written application on a form provided by the college must be filed not later than June 1.

12. **Organ Scholarship**—This scholarship amounts to a minimum of \$100.00 per year and is made available by an alumnus who wishes to remain anonymous. It will be awarded to a student who is specializing in organ and is in need of financial assistance. This gift was originated in the hope that recipients of it would, after leaving college, be able to give similarly and thus provide a continuing fund for the advancement of the music program at Bridgewater.

**Procedure:** The music faculty selects the recipient of this scholarship.

13. **Grants-in-aid**—A grant-in-aid may be awarded to a freshman applicant who does not meet all of the requirements for one of the Honor or Merit Scholarships described above, provided he or she pre-

sents convincing evidence of need or inability to finance the freshman year without it.

A grant-in-aid may be awarded to an upperclassman who has established a good academic record at Bridgewater, and provided he or she presents convincing evidence of inability to finance the program for the year by work or loan.

**Procedure:** The applicant must file a written application on a form provided by the college. Freshmen must file the application simultaneously with the application for admission, or not later than August

1. Upperclassmen must file it not later than June 1.

### Payment of Scholarships and Grants

All scholarship aid will be applied to students accounts on the following schedule: one-third of the value of scholarship will apply to first semester and two-thirds will apply to the second semester. Work aid will be applied each semester as earned. No student will be allowed more than one scholarship, however, a student may apply for both scholarship and work, if need justifies. Students receiving G. I. benefits are not eligible for a scholarship; however, they may be granted work positions if available.

### WORK OPPORTUNITIES

The College employs quite a number of students to perform services about the buildings and campus. The positions available involve such services as library, laboratory, and office assistants, waitresses, janitors, and campus workers. The positions are assigned to applicants who are qualified to render the required services. However, need is considered and upperclass applicants are given priority.

**Procedure:** The applicant for a position will file a written application with the (Chairman or Secretary) of the committee on Student Work. Upperclass applicants must file before April. Freshmen may apply simultaneously with the application for admission, but they will need to wait until after April for a decision.

### STUDENT LOAN FUNDS

1. **The National Defense Student Loan Fund**—The National Defense Student Loan Program was authorized by the National Defense Education Act of 1958. In line with the provisions of the Act, Bridgewater College has set up a Student Loan Fund by contributing a sum equal to one-ninth of the amount contributed by the Federal Government and has agreed to administer the Fund.



Recipients of loans are selected by the College. To be eligible for a loan, one must be a full-time student in good standing and in need of financial assistance. Preference is given to one with superior academic achievement who expresses a desire to teach in an elementary or a secondary school and to one who shows a superior interest, ability or preparation in science, mathematics, engineering, or a modern foreign language.

One who is eligible may borrow a sum not to exceed \$1,000.00 per year. The borrower, and his parent or guardian, must sign a note for the loan, agree to begin repayment one year after he ceases to be a full time student and to complete repayment within ten years, and to pay three per cent interest on the unpaid portion of the loan from the time repayment begins. His obligation to repay the loan is cancelled in the event of his death or permanent and total disability. If the borrower becomes a full-time teacher in a public elementary or secondary school, fifty per cent of the loan plus interest will be cancelled. Such cancellation will be at the rate of ten per cent a year up to five years.

In order for the College to administer the program justly, it will be necessary for one wishing a loan to cover expenses in the first semester of the session to file his application by September 1, in the second semester by January 25, and in the Summer Session by June 10. Applications must be filed with the Treasurer of the College. Action will be taken after the date indicated and before the official date for registration.

2. **Bridgewater College Loan Fund**—A substantial fund has been established by numerous friends of the college to be loaned to worthy students who are especially in need of aid and whose character justifies it. The policy is to loan up to \$200.00 to sophomores, \$250.00 to juniors, and \$300.00 to seniors. Loans are made on a low rate of interest during the time the student is enrolled in college. The student is required to apply for a loan and give a note with parent's endorsement as security for the loan.

**Procedure:** Written applications must be filed with the Treasurer of the College.

3. **Church of the Brethren Loan Fund**—The General Brotherhood Board grants a limited amount of its Rotary Loan Fund to each college operated by the Church from which students who are members of the Church of the Brethren may borrow at a low interest rate.

**Procedure:** The Treasurer of the College will supply further information and take applications upon request.

4. **Miscellaneous Loan Funds**—Civic clubs frequently have loan funds for students. Those who need funds are urged to investigate this source.
5. **Veterans Benefits**—Veterans may use their benefits toward any program provided by Bridgewater College. While information concerning these benefits is available at the Office of Admissions, it is suggested that those interested confer with a representative of the Veterans Administration.

### ENDOWMENT FUNDS

The philanthropic spirit of the constituency of the college has expressed itself in numerous and generous gifts to the endowment fund of the institution. The college has always operated on funds inadequate for its actual needs and respectfully solicits additional gifts and bequests from those interested in the cause of Christian education.

On June 30, 1958 the total endowment held by the Board was \$648,463.67. The various funds are:

**General College Endowment Fund.** This fund was established in 1919 by substantial gifts from the membership of the Bridgewater, Summit, Pleasant Valley, Timberville, and Mill Creek congregations of the Church of the Brethren, and was intended for the support of the general educational program of the College. Additions have been made from time to time by gifts from other sources. *Value* \$205,397.63. (Includes some of the funds listed separately below.)

**Daleville Endowment Fund.** The endowment funds administered in honor of Daleville College represent generous gifts to the cause of Christian education. *Value*, \$78,675.20.

**S. N. McCann Memorial Fund.** This fund was raised during the summer of 1917 and dedicated to the memory of Professor Samuel N. McCann, who was an honored alumnus of the college and for many years an esteemed member of the faculty. *Value*, \$69,000.00.

**S. M. Bowman Fund.** This gift came to the college in 1919 by bequest from the estate of Samuel M. Bowman, for many years a friend and trustee of the institution. It constitutes the foundation for the departments of biology and agriculture, and home economics. *Value*, \$149,043.10.

**Effie L. and Margaret B. Yount Memorial Fund.** This fund was founded in 1919 by Mr. and Mrs. Samuel Yount, natives of Augusta Co., Va., in memory of their deceased daughters, Effie and Margaret, both of whom were alumnae of the college. The income from this fund is for the benefit of the department of music. *Value*, \$1,000.00.

**Robert LeRoy Kendig Memorial Fund.** This fund was established in 1919 by Elder E. David Kendig, a native of Stuarts Draft, Va., in honor of his son, Robert. It perpetuates the memory of a worthy and promising youth and student of the college, whose life came to a close prematurely, and of a devoted father and founder and trustee of the college. This fund came into the full possession of the college in 1935. *Value*, \$500.00.

**Mr. and Mrs. Daniel C. Moomaw Memorial Fund.** This fund represents a gift from D. C. Moomaw, a native of Roanoke, Va., for the support of ministerial education. The gift was made to Daleville College in 1921, but was not fully available until the death of Elder Moomaw in 1935. The income from this fund was first applied at Bridgewater in 1935 at the request of the donor made prior to his death. This fund honors the memory of a distinguished church leader and his faithful wife. *Value*, \$10,000.00.

**Roy Samuel Smucker Memorial Fund.** Founded in 1919 by Mr. and Mrs. C. J. Smucker, of Timberville, Va., in memory of their son, Ray Samuel Smucker. *Value*, \$3,000.00.

**William Long Sanger Memorial Fund.** Established in 1919 by Mr. and Mrs. Charles D. Sanger, Washington, D. C., in memory of their son, William Long Sanger. *Value*, \$2,000.00.

**David Howard Myers Memorial Fund.** Founded in 1919 by Mr. and Mrs. W. A. Myers in memory of their son, David Howard Myers. *Value*, \$455.21.

**Sarah Catherine Driver Memorial Fund.** Founded in 1919 by Elder John F. Driver, Timberville, Va., in memory of his wife, Sarah Catherine Driver. *Value*, \$600.00.

**Hattie Susan Good Memorial Fund.** Established in 1919 by Mr. and Mrs. D. M. Good, Goods Mill, Va., in memory of their daughter, Hattie Good. *Value*, \$500.00.

**Rebecca M. Driver Memorial Fund.** This fund perpetuates the memory of a great and good woman. Mrs. Driver was a native of Timberville, Va. This fund was established in 1919. *Value*, \$1,000.00.

**Mr. and Mrs. John Bane Memorial Fund.** This fund was established in 1927 by John and Olive Bane, of Burlington, W. Va., in memory of their parents, John and Fannie M. Bane. *Value*, \$1,000.00.

**Elder John Kline Memorial Fund.** This fund was established in 1939 to honor the memory of a great minister, missionary, leader, and martyr of the church. The fund is for the support of the Chair of Bible and Religion



in the college and is being sponsored by the congregations of the Church of the Brethren in the South. *Value*, \$6,686.91.

**Mrs. Laura Catherine Lam Craun Memorial Scholarship.** This scholarship was founded in 1912 by Mr. and Mrs. Robert S. Craun. In 1923 it was designated by Mr. Craun as a memorial to his deceased wife who was a devoted friend of Christian education. *Value*, \$1,000.00.

**Cora Bane Martin Fund.** This fund was established in 1919 by bequest from the estate of Cora Bane Martin of Burlington, W. Va. *Value*, \$850.00.

**Class Loyalty Fund.** This fund was established as a general endowment fund for the purpose of creating an operating reserve. The fund received gifts from classes and alumni and was appropriately named by official action of the trustees of the college. The income is held intact for emergencies subject to special appropriation by the Board of Trustees. Each class, from the time that this movement of class gifts was established in 1930, the semi-centennial year of the college, until 1944, added its link at the time of graduation. Since 1944 graduating classes have designated their gifts for special projects, but the Class Loyalty Fund is still intact and classes at graduation giving one hundred dollars or more may add to this endowment fund. The value of each class fund is indicated below:

Class of 1901 .....	\$330.00	Class of 1936 .....	146.29
Class of 1914 .....	116.00	Class of 1937 .....	100.00
Class of 1922 .....	122.00	Class of 1938 .....	137.31
Class of 1926 .....	105.00	Class of 1939 .....	130.87
Class of 1927 .....	118.08	Class of 1940 .....	103.21
Class of 1930 .....	416.16	Class of 1941 .....	128.50
Class of 1931 .....	533.59	Class of 1942 .....	100.00
Class of 1932 .....	513.57	Class of 1943 .....	126.00
Class of 1933 .....	316.87	Class of 1944 .....	100.00
Class of 1934 .....	111.50	<i>Total, including ac-</i>	
Class of 1935 .....	186.47	<i>rued interest .....</i>	<i>\$6,174.35</i>

**James K. Wright Fund.** This fund represents the proceeds from the sale of the James K. Wright Cottage, which was a donation to the college in 1916, and is hereby established to commemorate the memory of a devoted benefactor of the college. *Value*, \$7,750.00.

**John A. Garber Memorial Fund.** Founded in 1951 by members of the Bible Class that Dr. Garber taught for many years in the nation's capitol. This gift honors a Bridgewater alumnus, class of 1891, through a permanent fund, the income to be used to purchase religious books for the college library. It memorializes an outstanding Bible teacher and Christian scholar. This fund is open to further gifts. *Value*, \$688.96.

**The Samuel David Wine Memorial Fund.** This fund was established in 1952 by William E. Wine in memory of his uncle who helped him finance his engineering education. *Value*, \$28,000.00.

**Professor and Mrs. John J. John Memorial.** Established in 1953 by the trustees of the college from annuity given by Mrs. John just prior to her death. The fund perpetuates the memory of a wise teacher and Christian scholar and his wife who were associated with the former Blue Ridge College for many years. *Value*, \$2,000.00.

**The Ford Foundation.** In 1956 the Ford Foundation announced a distribution of funds to approximately 300 colleges in the United States. Bridgewater College was the recipient of \$91,700.00 to be paid in two installments, and to be invested an endowment for a period of ten years. The income is to be used to increase the salaries of faculty members. *Present value*, \$119,500.00.

### SCHOLARSHIP ENDOWMENTS

**Edward Lukens Scholarship Fund.** This fund was established in 1940 by bequest from the estate of Mr. C. Edward Lukens of Randolph Co., W. Va. It perpetuates the memory of a business man who found in the college an effective and appropriate medium for expressing his philanthropic purposes. The income of this fund is available for the aid of young people from his native state. *Value*, \$9,027.79.

**Madeleine Long Arthur Memorial Fund.** Established in 1952 by her parents I. S. and Effie Showalter Long and her sisters and brother, Elizabeth, Esther, and Albert. This fund perpetuates the memory of a talented Christian woman of the class of 1933. Income to be allotted to some worthy ministerial student. *Value*, \$2,000.00.

**J. A. and Kittie Danner Hoover Scholarship.** The fund was founded by Mr. and Mrs. Hoover in 1917 to help bear the tuition expense of "some worthy young person preparing for useful service in the church." *Value*, \$2,000.00.

**Virginia Garber Cole Strickler Memorial Fund.** Established in 1953, this fund perpetuates the memory of a chief benefactress and former trustee of the college, the proceeds of which will be used for student scholarships. The goal of \$50,000.00 has been set for this fund. *Present value*, \$38,158.00.

**Augusta County Scholarship Fund.** This fund was raised by Alumni and friends of the Augusta County Alumni Chapter in 1954 to be used for a worthy student from that area, including Staunton and Waynesboro. The ultimate goal is \$20,000.00. *Present value*, \$5,000.00.

**Clericus Fund.** Established in 1955 by the Clericus Chorus from program receipts, the income of this fund will provide scholarship aid to ministerial students. *Value*, \$1,000.00.

**Donald Lester Kline Memorial Fund.** Established in 1955 by his parents, Orrin M. and Elva Ramey Kline, in honor of their son, Donald, a promising youth and ministerial student, whose earthly life came to a close prematurely. The income to be used for ministerial students. *Present value*, \$800.00.

**The John D. and Bertha Cline Miller Fund.** This fund was established in 1955 by Bertha Cline Miller in memory of her husband, Dr. John D. Miller, an alumnus who served the college as a physician and trustee for more than a quarter of a century. The income to be used for deserving students preparing for Christian service. *Present value*, \$650.00.

**The Jesse Edward Rolston Fund.** Established in 1955 by Jesse Edward Rolston, an alumnus of the college. The income to be used for students preparing for Christian service. *Value*, \$1,000.00.

**W. E. Driver Scholarship Fund.** This fund was established by the late W. E. Driver through bequest specifying that "the income be used towards the education of young men studying for the ministry, who are not able to pay their own full tuition." *Value*, \$2,000.00.

**J. M. and Minnie Alexander Fund.** This fund was established in 1957 by bequest of the donors and the income will be used for music scholarships. *Value*, \$1,000.00.

**Rebecca C. and Fred J. Wampler Scholarship Fund.** This fund was established in 1957 by Pearl Hoover Wampler and the income from it will be used to aid students preparing for Christian Service. *Value*, \$1,111.00.

**Paul E. Hoover Scholarship Fund.** This fund was established in 1957 by Pearl Hoover Wampler and the income from it will be used to aid students preparing for Christian Service. *Value*, \$1,000.00.

**The Minna Mintzer Memorial Scholarship Fund.** This fund was established in 1957 by the employees of Metro Pants Company in memory of the late Mrs. Minna Mintzer, and supplemented by Joseph Mintzer. The income is to be used to help worthy students from Harrisonburg, Virginia, to attend Bridgewater College. *Present value*, \$1,010.00.

#### BLUE RIDGE COLLEGE SCHOLARSHIP FUNDS

The liquidation of the Blue Ridge College assets in 1944 left a substantial surplus in the hands of the Church of the Brethren in Maryland for

educational purposes. In 1954, under instructions of the Court and by action of the district conferences in Maryland, these funds were transferred to the General Education Board of the Church of the Brethren. They are now in the general custodianship of that Board, but they are being administered, by action of that Board, by the trustees of Bridgewater College for the special benefit of Brethren youth in the State of Maryland. *Value*, \$44,861.52.

The above funds have been dedicated as memorials to benefactors of Blue Ridge College:

**Maryland Education Fund.** This fund honors the many friends of Christian education who founded and supported Blue Ridge College, at Union Bridge, Md., and later at New Windsor, Md., for nearly half a century in its ministry to the youth of the church. The income is available for the education of Brethren youth of Maryland who give promise of Christian leadership and are eligible on the basis of financial need. *Value*, \$24,861.52.

**Stoner-Roop Memorial Fund.** This fund perpetuates the memory of Anna Roop Stoner and her husband, Jacob Stoner, both of whom gave generously of their time, talent, and substance to the cause of Christian education as benefactors of Blue Ridge College. The fund represents substantial bequests from their estate and was established in 1945 by action of the district conferences of Maryland with the concurrence of the General Education Board. The income is available as a scholarship fund for worthy young people of the Church of the Brethren from Maryland who give evidence of Christian leadership and are in need of financial assistance with their education. *Value*, \$20,000.00.

## LOAN FUNDS

The total value of the loan funds held by the College as of June 30, 1958 was \$19,700.33.

**Mr. and Mrs. John L. Driver Fund.** This fund was established in 1919 by Mr. and Mrs. Driver of New Hope, Va., as a loan fund for worthy students. *Present value*, \$1,099.11.

**Arthur B. Miller Memorial Fund.** This fund was established January 1, 1937, by Mrs. Lera W. Miller as a memorial to her husband, who was a graduate of the college, Class of 1910, and an able and faithful pastor of the Church of the Brethren. A portion of the income is used to train native leaders on the foreign mission field and is applied through the General Mission Board of the Church of the Brethren. *Present value*, \$1,097.27.

**Student Loan Fund.** This fund has been developed over a period of years by small gifts from college classes, faculty members, and friends of the college. *Present value*, \$3,942.47.

**Mr. and Mrs. Fred C. Wampler Loan Fund.** In order to help young people of character, ability, and industry secure the advantages of higher education, this fund was established in 1940 by those friends of the college and of youth whose name it bears. *Value*, \$4,566.44.

**John A. Dove Student Loan Fund.** This fund was established in 1942 by Mrs. Lula Huff Dove as a memorial to her husband, the late J. A. Dove, whose aggressive leadership and long years of service in the cause of Christian education endeared him to the friends and patrons of both Bridgewater and Daleville Colleges. The fund perpetuates one of the great life purposes of both Mr. and Mrs. Dove—encouragement and helpfulness to promising youth. *Value*, \$3,017.17.

**John F. Wampler Fund.** This fund was established in 1940 by Mr. and Mrs. John F. Wampler as a loan fund for worthy students. *Value*, \$1,087.33.

**Catherine Glick Miller Memorial Loan Fund.** This fund was established in 1945 by Barbara J. Miller, Arlington, Va., Class of 1916, as a memorial to her mother, Catherine Glick Miller, whose kindly and self-sacrificing spirit, whose unwavering devotion to her family and to her church, and whose interest in young people were a benediction to all who knew her. The principal is available as a loan fund to worthy students. *Value*, \$1,000.00.

**I. D. Driver Loan Fund.** This fund was established in 1949 by Mr. I. D. Driver as a loan fund for worthy students. *Value*, \$500.00.

**Anna Lee Carter Houff Memorial Loan Fund.** This fund was established in 1950 by Mrs. D. L. Carter as a memorial to her daughter. As a devoted mother, Mrs. Houff created a Christian home that helped to lead her two sons into the ministry. *Value*, \$600.00.

**Minnie Wampler Loan Fund.** This fund was established in 1951 through the estate of Minnie Wampler who attended Bridgewater in 1904. Nieces and nephews of Minnie Wampler are given considered preference. Miss Wampler was deeply interested in mission work and in helping young people train for Christian service. *Value*, \$2,790.54.

# DEGREES AND HONORS

## ACADEMIC DEGREES

June 1, 1958

### BACHELOR OF ARTS

Norma Jane Aist .....	Brandywine, Maryland
Daniel Magee Birdsong .....	Petersburg, Virginia
Hylas Trent Brown, Jr. ....	Troutville, Virginia
Donald Eugene Brumback .....	Rileyville, Virginia
Martha Jane Byerly .....	Mt. Solon, Virginia
Frederick Leroy Carter, Jr. ....	Washington, D. C.
Urban Olin Cleek .....	Warm Springs, Virginia
Martin Leo Cline .....	Grottoes, Virginia
Nancy Ann Cline .....	Waynesboro, Virginia
Curtis Paul Coffman .....	Ft. Defiance, Virginia
James Ralph Cooke, Jr. ....	Staunton, Virginia
Austin Herbert Cooper .....	Staunton, Virginia
Nancy Marie Crockett .....	Hampton, Virginia
Paul Martin Croushorn .....	Nokesville, Virginia
Joseph Brent Cummings .....	Iron Gate, Virginia
Shelva Jean Dove, <i>magna cum laude</i> .....	Mozer, West Virginia
Ressie Lou Elick, <i>cum laude</i> .....	Lyndhurst, Virginia
Carter Ragland Ellis .....	Richmond, Virginia
Betty Jane Everhart .....	Harrisonburg, Virginia
Donald Eugene Fancher, <i>cum laude</i> .....	Rocky Ford, Colorado
Randolph Carter Fenimore .....	Alexandria, Virginia
*Charles Frederick Fifer, III .....	Wyoming, Delaware
Robert Lee Flora .....	Rocky Mount, Virginia
Laura Catherine Fries .....	Manassas, Virginia
Oran Russell Gerhard .....	East McKeesport, Pennsylvania
Allan David Graham .....	Edinburg, Virginia
Ferris William Gue, Jr. ....	Manassas, Virginia
Loretta Jean Hartman .....	Westover, Maryland
Homer Thornton Hayslett, Jr., <i>cum laude</i> .....	Covington, Virginia
Roma DeBolt Holloway, <i>magna cum laude</i> .....	Uniontown, Pennsylvania
Edward Frank Jeffries, Jr. ....	The Plains, Virginia
Charles Edward Kipps .....	Elkton, Virginia
James Isaac Lambert .....	Woodstock, Virginia
Melvin Greenbury Leisure, Jr. ....	Wilmington, Delaware
Patrick Preston Lipscomb .....	Clifton Forge, Virginia
William Hale Littlepage .....	Truhart, Virginia
Deanna Shirley Lowry .....	Pembroke, North Carolina
Willard Kauffman Lutz .....	Mt. Jackson, Virginia
Bobby Mark Martin .....	Covington, Virginia
John Michael Mason .....	Oakton, Virginia
John Mark Miller .....	Burlington, West Virginia

James Wesley Moyers, Jr. ....	Broadway, Virginia
Max Henry Myers, <i>cum laude</i> ....	Lynchburg, Virginia
Frederic Gary Osborne ....	Troutville, Virginia
Gladys Anne Pfister ....	Freeport, New York
Mary Katherine Garber Puffenberger, <i>magna cum laude</i> .....	Richmond, Virginia
Norman Owings Rebert, Jr. ....	Finksburg, Maryland
Thomas Daniel Rotruck ....	Keyser, West Virginia
George Harold Scarborough, <i>cum laude</i> ....	Bassett, Virginia
Marvin Lee Simmers, <i>cum laude</i> ....	Penn Laird, Virginia
Edgar Boyd Simmons, Jr. ....	Pitman, New Jersey
Kenneth Moore Smith ....	Staunton, Virginia
Fred Wilson Swartz ....	Ft. Defiance, Virginia
Robert Kermon Thomason ....	Martinsville, Virginia
Ralph Lee Webster ....	Boones Mill, Virginia
William Dale Wenzel ....	Burlington, West Virginia
David Leigh White ....	Roanoke, Virginia
John Edward White, <i>cum laude</i> ....	Hutton, Maryland
Roy William Whitmer, Jr. ....	Harrisonburg, Virginia
Clifton Herbert Wilson ....	Arlington, Virginia
Hensley Eugene Woods ....	Waynesboro, Virginia
Owen Lee Wright ....	Bridgewater, Virginia

### BACHELOR OF SCIENCE IN MUSIC EDUCATION

Ruth Elaine Bowman, <i>summa cum laude</i> ....	Bridgewater, Virginia
Phyllis Motano Brown, <i>cum laude</i> ....	Covington, Virginia
Faye Arlene Byerly ....	Mt. Solon, Virginia
Myrna Loy Dove ....	Nokesville, Virginia
Joyce Virginia Glover ....	Staunton, Virginia
Zenella Ramona Johnson ....	Scherr, West Virginia
Linda Yvonne Smith, <i>cum laude</i> ....	Winchester, Virginia

### BACHELOR OF SCIENCE IN HOME ECONOMICS

Janice Jean Mills, <i>magna cum laude</i> ....	Keyser, West Virginia
Barbara Elaine Wade ....	Alton, Virginia

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Robert Frederick Brown ....	Roanoke, Virginia
Clifford Donald Bush ....	Johnstown, Pennsylvania
Joseph Isaac Cline, Jr. ....	Grottoes, Virginia
Dennis Reginald Dixon ....	Lexington, Virginia
Isaac Allen Gray ....	Alexandria, Virginia
William Leslie Henderson, Jr. ....	Staunton, Virginia
Glenda Clarine Hensley ....	Arlington, Virginia
Harold George Hubbell ....	Chautauqua, New York

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Carl Lester Hull .....	Hightown, Virginia
Rexford Madden McCane .....	Farmington, Michigan
Sheldon Odell Melton .....	Staunton, Virginia
Robert Claude Moyers .....	New Market, Virginia
Dwight Whitney Shober .....	Roanoke, Virginia

\* Graduated January 31, 1958

## ACADEMIC DEGREES

August 8, 1958

### BACHELOR OF ARTS

Darryl Delano Andrews .....	Burlington, North Carolina
James Wesley Battle, Jr. ....	Lanham Park, Maryland
Carter Lyle Heatwole .....	Harrisonburg, Virginia
Elizabeth Fike Myers .....	Staunton, Virginia
Alpheus Lauck Walter, Jr. ....	Arlington, Virginia
John Mauzy Yancey, <i>magna cum laude</i> .....	McGaheysville, Virginia

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Charles Edward Martin .....	Harrisonburg, Virginia
Harry Paul Obaugh .....	Staunton, Virginia



Whitelow, Alfred Tennyson .	██████████	██████████	Bridgewater, Virginia
Whitelow, Carlyle .....	██████████	██████████	Bridgewater, Virginia
Wiggins, Melvin Otto, Jr. ....	██████████	Sherwood Ave., Staunton, Virginia	
Wimmer, Lewis Wilbur .....		Sykesville, Maryland	
Wine, Philip Morton .....	██████████	Dayton, Virginia	
Wise, William Oscar, Jr. ....	██████████	Thornrose Ave., Staunton, Virginia	
Yancey, John Mauzy .....	██████████	██████████, Bridgewater, Virginia	
Zimmerman, Roland Lester .....	██████████	Dayton, Virginia	

### ENROLLMENT SUMMARY 1958-1959

	Women	Men	Total
Seniors	37	83	120
Juniors	39	83	122
Sophomores	46	75	121
Freshmen	63	110	173
Special Students	13	19	32
Total 1958-59	198	370	568
Summer Session 1958	26	96	122
Grand Total (less duplicates)	206	404	610

### LEGAL FORM OF BEQUEST

For the convenience of alumni and friends who may wish to remember the needs of Bridgewater College in their wills the following legal form of bequest is presented:

I give and bequeath to Bridgewater College, a corporation existing under the laws of the Commonwealth of Virginia and located at Bridgewater, Rockingham County, in said commonwealth

..... dollars,  
to be used for the benefit of Bridgewater College in such manner as the Trustees thereof may direct.

For further information regarding gifts, annuities, endowments, scholarships, etc., please address The President, Bridgewater College, Bridgewater, Virginia.

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## CLASS SCHEDULE

Each week is divided into class periods as indicated below.

All class and office work closes at noon Saturday.

	M. W. F.	T. Th. S.
8:00-8:50	Class Period 1	Class Period 2
9:00-9:50	Class Period 3	Class Period 4
10:00-10:50	Chapel and/or Activities	Class Period 5
11:00-11:50	Class Period 6	Class Period 7
12:00-12:50	Lunch	Lunch
1:00-1:50	Class Period 8	Laboratories & Activities, T. Th.
2:00-2:50	Class Period 9	Laboratories & Activities, T. Th.